

207B . NM0022306 0012
MOLYCORP INC- QUESTA DIVISION
QUESTA NM 87556-0469



Rec#363915 /WA/NP/EN/

*DMR's
for FY04 located
Vol. 13.*

9389789



12
N

05

04

2

2

3

0

6

DEC 20 2004

REPLY TO: 6EN-WC

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (7003 0500 0003 0870 7107)

Mr. Roy Torres
Operations Manager
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556-0469

Re: Administrative Order Docket No. CWA-06-2005-1750
NPDES No. NM0022306

Dear Mr. Torres:

Violation of a National Pollutant Discharge Elimination System (NPDES) permit requires the Environmental Protection Agency (EPA) to take appropriate enforcement action to assure compliance. Pursuant to the Clean Water Act (33 U.S.C. § 1251 et seq.), the enclosed Administrative Order (AO) is hereby served on Molycorp, Inc., for the violations described therein.

Compliance with the provisions of this Order is expected within the maximum time periods established by each part of the Order. Your cooperation and prompt attention will be appreciated. The violations cited in the referenced Order could result in the issuance of an EPA administrative penalty order or referral to the United States Department of Justice for judicial action with monetary fines. In response hereto, please reference your AO docket and NPDES numbers, and send correspondence to the attention of Ms. Waudelle Strickley (6EN-WC).

It is the policy of EPA to achieve full compliance with the NPDES permit program as rapidly as possible. If you have any questions, please contact Mr. Taylor Sharpe, Enforcement Officer, EPA, Dallas, Texas at (214) 665-7112. Please also find enclosed an "Information Sheet"

CONCURRENCES

6EN-WT	6EN-W			
F. LUTRY	MURPHY			

XR6SUPESD\vol2\user\share\ao\sharpe\Molycorps - Questa - Sept. 2004.wpd

11/23/04

11/2

- 1 - Permit/CD
- 2 - AO & AO matt
- 3 - DMR's
- 4 - Vio. Sum. Log
- 5 - NCR
- 6 - Correspondence
- 7 - CRAS
- Date Filed
- Clerk's-Ints.

4005 98 030

7107 0870 0000 0050 0002

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Sent To	
Street, Apt. No., or PO Box No.	
City, State, ZIP+4	

PS Form 3800, June 2002

See Reverse for Instructions

relating to the Small Business Regulatory Enforcement Fairness Act (SBREFA) and a "Notice of Registrants Duty to Disclose" relating to the disclosure of environmental legal proceedings to the Securities and Exchange Commission (SEC).

Sincerely yours,

/s/ G.W. Fontenot
Gerald W. Fontenot, P.E.
Deputy Director
Compliance Assurance and
Enforcement Division

Enclosures (3):

Administrative Order
SBREFA
SEC

cc: Ms. Marcy Leavitt
Chief
Surface Water Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

bcc: Whitten-hill (6EN-WC)
Read File (6EN-W)
Pesina (6EN)

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION 6

In the Matter of

MOLYCORP, INC., a
New Mexico corporation,

Respondent

NPDES No. NM0022306

§ Docket No. CWA-06-2005-1750.

§

§

§

§ **FINDINGS OF VIOLATION**

§ **AND**

§ **ORDER FOR COMPLIANCE**

§

Statutory Authority

The following FINDINGS are made, and ORDER issued, under the authority vested in the Administrator of the United States Environmental Protection Agency (EPA), by Sections 308(a) and 309(a) of the Clean Water Act (herein "the Act"), 33 U.S.C. §§ 1318(a) and 1319(a). The Administrator of EPA has delegated the authority to issue this Order to the Regional Administrator of EPA Region 6, who has further delegated this authority to the Director of the Compliance Assurance and Enforcement Division.

Findings

1. Molycorp, Inc. (herein "Respondent") is a corporation, which was incorporated under the laws of the State of New Mexico, and as such, the Respondent is a "person," as that term is defined at Section 502(5) of the Act, 33 U.S.C. § 1362(5), and 40 C.F.R. § 122.2.

2. At all times relevant to this Order, the Respondent owned or operated a mine, best described by Standard Industrial Classification (SIC) code 1061, located four miles east of Questa on State Highway 38, in Taos County, New Mexico (herein "the facility"), and was, therefore, an "owner or operator" within the meaning of 40 C.F.R. § 122.2.

3. At all relevant times, the facility was a "point source" of a "discharge" of "pollutants" with its storm water discharges to the receiving waters of the Red River, thence to the Rio Grande in Segment 2119 of the Rio Grande Basin, which are "waters of the United States" within the meaning of Section 502 of the Act, 33 U.S.C. § 1362, and 40 C.F.R. § 122.2.

4. Because the Respondent owned or operated a facility that is a point source of discharges of pollutants to waters of the U.S., the Respondent and the facility were subject to the Act and the National Pollutant Discharge Elimination System (NPDES) program.

5. Under Section 301 of the Act, 33 U.S.C. § 1311, it is unlawful for any person to discharge any pollutant from a point source to waters of the United States, except with the authorization of, and in compliance with, an NPDES permit issued pursuant to Section 402 of the Act, 33 U.S.C. § 1342.

6. Section 402(a) of the Act, 33 U.S.C. § 1342(a), provides that the Administrator of EPA may issue permits under the NPDES program for the discharge of pollutants from point sources to waters of the United States. Any such discharge is subject to the specific terms and conditions prescribed in the applicable permit.

7. The Respondent applied for and was issued NPDES Permit No. NM0022306 (herein "the permit") under Section 402 of the Act, 33 U.S.C. § 1342, which became effective on December 8, 2000, and expires on January 31, 2005. At all relevant times, the Respondent was authorized to discharge pollutants from the facility to waters of the United States only in compliance with the specific terms and conditions of the permit.

8. On or about September 28, 2004, Respondent encountered a large rainfall event of about 1.56 inches. The Respondent made a written report, dated October 4, 2004, providing the following information: During the storm, a pump located in the mill yard catchment pond was activated to move water from the catchment pond to the mill facility. The mill yard catchment pond functions to capture storm water runoff from the vicinity of the crushing plant and milling complex. If the catchment pond is not de-watered, storm water could discharge through outfall 005. The storm water is pumped through a pipeline to the mill facility. The area of the pipeline in question during this event consists of a section of 2 inch pipeline that is inserted into a section of 4 inch pipeline. This pipeline was only a temporary setup for maintenance purposes. During the storm event, the two pipelines became separated, resulting in storm water that was discharged from the 2 inch pipeline and did not reach the milling facility. The storm water discharged from the southeastern side of the mill facility and subsequently into the Red River. Based on a worse case scenario, an estimated maximum volume of 94,500 gallons of storm water was discharged, and it is unknown how much actually reached the Red River.

9. The discharge described above is not one of the discharges authorized by the permit. This discharge is an unauthorized discharge and is a violation of Section 301 of the Act, 33 U.S.C. § 1311.

ORDER

Based on the foregoing Findings and pursuant to the authority of Sections 308 and 309 of the Act, EPA HEREBY ORDERS THE RESPONDENT to take the following action:

A. Within thirty (30) days of the effective date of this Order, the Respondent shall take whatever corrective action is necessary to eliminate and prevent recurrence of the violations cited herein.

B. Within thirty (30) days of the effective date of this Order, the Respondent shall submit a written report detailing the specific actions taken to correct the violations cited herein and explaining why such actions are anticipated to be sufficient to prevent recurrence of these or similar violations.

C. In the event that the Respondent believes complete correction of the violations cited herein is not possible within thirty (30) days of the effective date of this Order, the Respondent shall, within thirty (30) days of the effective date of this Order, submit a comprehensive written plan for the elimination of the cited violations within the shortest possible time. Such plan shall describe in detail the specific corrective actions to be taken and why such actions are sufficient to correct the violations. The plan shall include a detailed schedule for the elimination of the violations within the shortest possible time, as well as measures to prevent these or similar violations from recurring.

D. In order to Show Cause why the Respondent has not complied with the Act and its regulations, and why EPA should not take further enforcement action against the Respondent for the violations cited, the Respondent should arrange a meeting with EPA within forty-five (45)

days of the effective date of this Order, to be held at the Region 6 offices, 1445 Ross Ave., 7th Floor, Dallas, Texas. The Respondent shall submit to EPA all information or materials it considers relevant to the meeting at least ten (10) days prior to the meeting.

E. To arrange a Show Cause meeting, or to ask questions or comment on this matter, please contact Mr. Taylor Sharpe of our office at (214) 665-7112.

F. Any information or correspondence submitted by the Respondent to EPA under this Order shall be addressed to the following:

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
EPA Region 6
1445 Ross Ave., Suite 1200
Dallas, TX 75202-2733

General Provisions

Issuance of this Order shall not be deemed an election by EPA to forego any administrative or judicial, civil or criminal action to seek penalties, fines, or any other relief appropriate under the Act for the violations cited herein; or other violations that become known. EPA reserves the right to seek any remedy available under the law that it deems appropriate.

Failure to comply with this Order or the Act can result in further administrative action, or a civil judicial action initiated by the U.S. Department of Justice. If the United States initiates a civil judicial action, Respondent will be subject to civil penalties of up to \$32,500 per day per violation.

If a criminal action is initiated by U.S. Department of Justice, and Respondent is convicted of a criminal offense under Section 309(c) of the Act, the Respondent may become ineligible for certain contracts, grants, or loans under Section 508 of the Act.

This Order does not constitute a waiver or modification of the terms or conditions of the Respondent's NPDES permit, which remains in full force and effect. Compliance with the terms and conditions of this Order does not relieve the Respondent of its obligations to comply with any applicable federal, state, or local law or regulation.

The effective date of this Order is the date it is received by the Respondent.

DEC 20 2004

Date

18/ S.V. for

Gerald W. Fontenot, P.E.
Deputy Director
Compliance Assurance and
Enforcement Division

J. Scott Wilson
Environmental Scientist
NPDES Permits Branch (6WQ-P)

PART I - REQUIREMENTS FOR NPDES PERMITSA. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOUTFALL 001

Discharge Type: Intermittent

Latitude 36°41'40.15"N, Longitude 105°38'3.37"W

Elevation: 7331.2 feet

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted),

the permittee is authorized to discharge process water from milling operations and tailings disposal, including mine de-watering and interceptor wells, to the Red River in Segment No. 20.6.4.122 of the Rio Grande Basin.

Such discharges shall be limited and monitored by the permittee as specified below:

	pH RANGE
--	----------

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS	
	QUALITY (UNITS AS STATED)	
	MINIMUM	MAXIMUM
pH (Standard Units) STORET: 00400	6.0	9.0

PARAMETERS/STORET CODES	MONITORING REQUIREMENTS	
	FREQUENCY OF ANALYSIS	SAMPLE TYPE
pH (Standard Units) STORET: 00400	1/Week	Grab

	CHEMICAL/PHYSICAL/BIOCHEMICAL
--	-------------------------------

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS			
	QUANTITY/LOADING (LBS/DAY UNLESS STATED)		QUALITY/CONCENTRATION (mg/L UNLESS STATED)	
	MONTHLY AVG	DAILY MAX	MONTHLY AVG	DAILY MAX
Flow STORET: 50050	Report MGD	Report MGD	****	****
Chemical Oxygen Demand STORET: 00340	2147	3220	60	90
Total Suspended Solids STORET: 00530	716	1073	20	30

Total Arsenic (*1) STORET: 01002	17.9	35.77	0.5	1.0
Total Arsenic (*2) STORET: 01002	8.94	13.42	0.25	0.375
Total Cadmium (*1) STORET: 01027	0.55	0.82	0.05	0.05
Total Cadmium (*2) STORET: 01027	0.107	0.157	0.003	0.0044
Total Copper (*1) STORET: 01042	2.67	4.0	0.15	0.3
Total Copper (*2) STORET: 01042	1.47	2.22	0.041	0.062
Total Cyanide (*1) STORET: 00720	0.9127	1.37	0.025	0.05
Total Cyanide (*2) STORET: 00720	0.249	0.374	0.007	0.01
Fluoride STORET: 00951	107	107	3.0	3.0
Total Iron STORET: 01045	21.5	21.5	0.6	0.6
Total Lead (*1) STORET: 01051	2.8	4.23	0.3	0.6
Total Lead (*2) STORET: 01051	1.1	1.65	0.031	0.046
Total Manganese STORET: 01055	35.8	53.7	1.0	1.5
Total Mercury (*1) STORET: 71900	0.036	0.072	0.001	0.002
Total Mercury (*2) STORET: 71900	0.00057	0.00086	0.000016	0.000024
Total Molybdenum STORET: 01062	35.8	71.6	1.0	2.0
Total Zinc STORET: 01092	7.16	7.16	0.2	0.2
Total Aluminum (*1) STORET: 01105	2.6	3.93	Report	Report
Total Aluminum (*2) STORET: 01105	2.075	3.11	0.058	0.087
Total Gross Alpha (*1)(*5) STORET: 01501	N/A	N/A	Report pCi/l	Report pCi/l
Total Gross Alpha (*2)(*5) STORET: 01501	N/A	N/A	19.8 pCi/l	29.7 pCi/l

PARAMETERS/STORET CODESMONITORING REQUIREMENTS

	<u>FREQUENCY OF ANALYSIS</u>	<u>SAMPLE TYPE</u>
Flow STORET: 50050	Continuous	Record
Chemical Oxygen Demand STORET: 00340	1/Month	24-Hr. Composite (*3)
Total Suspended Solids	1/Month	24-Hr. Composite (*3)

STORET: 00530		
Total Arsenic	1/Month	24-Hr. Composite (*3)
STORET: 01002		
Total Cadmium	1/Week	24-Hr. Composite (*3)
STORET: 01027		
Total Copper	1/Week	24-Hr. Composite (*3)
STORET: 01042		
Total Cyanide	1/Month	24-Hr. Composite (*3)
STORET: 00720		
Fluoride	1/Month	24-Hr. Composite (*3)
STORET: 00951		
Total Iron	1/Month	24-Hr. Composite (*3)
STORET: 01045		
Total Lead	1/Week	24-Hr. Composite (*3)
STORET: 01051		
Total Manganese	1/Month	24-Hr. Composite (*3)
STORET: 01055		
Total Mercury	1/Week	24-Hr. Composite (*3)
STORET: 71900		
Total Molybdenum	1/Month	24-Hr. Composite (*3)
STORET: 01062		
Total Zinc	1/Month	24-Hr. Composite (*3)
STORET: 01092		
Total Aluminum (*1)	1/Month	24-Hr. Composite (*3)
STORET: 01105		
Total Aluminum (*2)	1/Week	24-Hr. Composite (*3)
STORET: 01105		
Radiation: Total Gross Alpha (*1)	1/Month	Grab
STORET: 01501		
Radiation: Total Gross Alpha (*2)	1/Week	Grab
STORET: 01501		

WHOLE EFFLUENT TOXICITY TESTING

PARAMETERS/STORET CODES**DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS****QUALITY (PERCENT % UNLESS STATED)****MONTHLY AVG MINIMUM****7-DAY MINIMUM**

Whole Effluent Toxicity Testing (*4)
(7-Day Static Renewal)

Pimephales promelas

STORET: TLP6C

Report

STORET: TOP6C

Report

STORET: TPP6C

Report

Ceriodaphnia dubia

STORET: TLP3B

Report

STORET: TOP3B

Report

STORET: TPP3B

Report

Species Quality Reporting Units: Pass = 0, Fail = 1

PARAMETERS/STORET CODESMONITORING REQUIREMENTS

	<u>FREQUENCY OF</u>	<u>SAMPLE</u>
	<u>ANALYSIS</u>	<u>TYPE</u>
Whole Effluent Toxicity Testing (7-Day Static Renewal)		
<u>Pimephales promelas</u>		
STORET: TLP6C	1/year	24-Hr. Composite (*3)
STORET: TOP6C	1/year	24-Hr. Composite (*3)
STORET: TPP6C	1/year	24-Hr. Composite (*3)
<u>Ceriodaphnia dubia</u>		
STORET: TLP3B	1/six months	24-Hr. Composite (*3)
STORET: TOP3B	1/six months	24-Hr. Composite (*3)
STORET: TPP3B	1/six months	24-Hr. Composite (*3)

SAMPLING LOCATION(S) AND OTHER REQUIREMENTSSAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): after final treatment and prior to discharge to the Red River.

DEFINITIONS

The term "runoff" shall mean the flow of storm water resulting from precipitation or snow/ice melt coming into contact with the industrial facility property.

The term "uncontaminated runoff" shall mean runoff which does not come into contact (other than incidental) with any raw material, intermediate product, finished product, by-product, or waste product located on the industrial facility property.

NO DISCHARGE REPORTING

If there is no discharge event at this outfall during the sampling month, place an "X" in the NO DISCHARGE box located in the upper right corner of the preprinted Discharge Monitoring Report.

FLOATING SOLIDS OR VISIBLE FOAM

There shall be no discharge of floating solids or visible foam in other than trace amounts.

FLOW MEASUREMENTS

"Estimate" flow measurements shall not be subject to the accuracy provisions established at Part III.C.6. The daily flow value may be estimated using best engineering judgment.

FOOTNOTES

- *1 Requirements for this parameter are effective during the period beginning the effective date of the permit and lasting through one (1) day prior to two (2) years from the effective date of the permit.
- *2 Requirements for this parameter are effective during the period beginning two (2) years from the effective date of the permit and lasting through the expiration date of the permit.
- *3 See Part II.C.
- *4 See Part II.G.
- *5 EPA Method 900

OUTFALL 002

Discharge Type: Continuous

Latitude 36°41'31.36"N, Longitude 105°37'16.58"W

Elevation: 7226.3 feet

During the period beginning the effective date of the permit and lasting until commencement of discharge at Outfall 001 (*5),

the permittee is authorized to discharge seepage from the tailings impoundment to the Red River in Segment No. 20.6.4.122 of the Rio Grande Basin.

Such discharges shall be limited and monitored by the permittee as specified below:

pH RANGE

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS	
	QUALITY (UNITS AS STATED)	
	MINIMUM	MAXIMUM
pH (Standard Units)	6.0	9.0
STORET: 00400		

PARAMETERS/STORET CODES	MONITORING REQUIREMENTS	
	FREQUENCY OF ANALYSIS	SAMPLE TYPE
pH (Standard Units)	1/Week	Grab
STORET: 00400		

CHEMICAL/PHYSICAL/BIOCHEMICAL

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS			
	QUANTITY/LOADING		QUALITY/CONCENTRATION	
	(LBS/DAY UNLESS STATED)		(mg/L UNLESS STATED)	
	MONTHLY AVG	DAILY MAX	MONTHLY AVG	DAILY MAX
Flow	Report MGD	Report MGD	****	****
STORET: 50050				
Chemical Oxygen Demand	175	263	60	90
STORET: 00340				
Total Suspended Solids	58	87.6	20	30
STORET: 00530				
Total Arsenic (*1)	1.46	2.9	0.5	1.0
STORET: 01002				
Total Arsenic (*2)	1.25	1.88	0.429	0.644
STORET: 01002				
Total Cadmium (*1)	0.146	0.146	0.05	0.05
STORET: 01027				
Total Cadmium (*2)	0.014	0.02	0.0048	0.007
STORET: 01027				
Total Copper (*1)	0.438	0.876	0.15	0.3

STORET: 01042				
Total Copper (*2)	0.12	0.18	0.041	0.062
STORET: 01042				
Total Cyanide (*1)	0.073	0.146	0.025	0.05
STORET: 00720				
Total Cyanide (*2)	0.0429	0.064	0.0147	0.022
STORET: 00720				
Fluoride	8.75	8.75	3.0	3.0
STORET: 00951				
Total Iron	1.75	1.75	0.6	0.6
STORET: 01045				
Total Lead (*1)	0.876	1.75	0.3	0.6
STORET: 01051				
Total Lead (*2)	0.63	0.95	0.216	0.325
STORET: 01051				
Total Manganese	2.9	4.38	1.0	1.5
STORET: 01055				
Total Mercury (*1)	0.0029	0.0058	0.001	0.002
STORET: 71900				
Total Mercury (*2)	0.000336	0.0005	0.00011	0.00017
STORET: 71900				
Total Molybdenum	9.6	14.7	3.3	5.03
STORET: 01062				
Total Zinc	0.58	0.58	0.2	0.2
STORET: 01092				
Total Aluminum (*1)	0.25	0.376	Report	Report
STORET: 01105				
Total Aluminum (*2)	0.169	0.254	0.058	0.087
STORET: 01105				

PARAMETERS/STORET CODESMONITORING REQUIREMENTS

	<u>FREQUENCY OF ANALYSIS</u>	<u>SAMPLE TYPE</u>
Flow	Continuous	Record
STORET: 50050		
Chemical Oxygen Demand	1/Month	24-Hr. Composite (*3)
STORET: 00340		
Total Suspended Solids	1/Month	24-Hr. Composite (*3)
STORET: 00530		
Total Arsenic	1/Month	24-Hr. Composite (*3)
STORET: 01002		
Total Cadmium	1/Month	24-Hr. Composite (*3)
STORET: 01027		
Total Copper	1/Month	24-Hr. Composite (*3)
STORET: 01042		
Total Cyanide	1/Month	24-Hr. Composite (*3)
STORET: 00720		
Fluoride	1/Month	24-Hr. Composite (*3)
STORET: 00951		
Total Iron	1/Month	24-Hr. Composite (*3)
STORET: 01045		

Total Lead	1/Month	24-Hr. Composite (*3)
STORET: 01051		
Total Manganese	1/Month	24-Hr. Composite (*3)
STORET: 01055		
Total Mercury	1/Month	24-Hr. Composite (*3)
STORET: 71900		
Total Molybdenum	1/Month	24-Hr. Composite (*3)
STORET: 01062		
Total Zinc	1/Month	24-Hr. Composite (*3)
STORET: 01092		
Total Aluminum	1/Month	24-Hr. Composite (*3)
STORET: 01105		

WHOLE EFFLUENT TOXICITY TESTING

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS	
	QUALITY (PERCENT % UNLESS STATED)	
	MONTHLY AVG MINIMUM	7-DAY MINIMUM
Whole Effluent Toxicity Testing (*4)		
(7-Day Static Renewal)		
<u>Pimephales promelas</u>		
STORET: TLP6C	****	Report
STORET: TOP6C	****	Report
STORET: TPP6C	****	Report
<u>Ceriodaphnia dubia</u>		
STORET: TLP3B	****	Report
STORET: TOP3B	****	Report
STORET: TPP3B	****	Report

Species Quality Reporting Units: Pass = 0, Fail = 1

PARAMETERS/STORET CODES	MONITORING REQUIREMENTS	
	FREQUENCY OF ANALYSIS	SAMPLE TYPE
Whole Effluent Toxicity Testing		
(7-Day Static Renewal)		
<u>Pimephales promelas</u>		
STORET: TLP6C	1/year	24-Hr. Composite (*3)
STORET: TOP6C	1/year	24-Hr. Composite (*3)
STORET: TPP6C	1/year	24-Hr. Composite (*3)
<u>Ceriodaphnia dubia</u>		
STORET: TLP3B	1/six months	24-Hr. Composite (*3)
STORET: TOP3B	1/six months	24-Hr. Composite (*3)
STORET: TPP3B	1/six months	24-Hr. Composite (*3)

SAMPLING LOCATION(S) AND OTHER REQUIREMENTS

SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): After collection of the combined seepage from the tailings impoundment and prior to discharge to the Red River.

DEFINITIONS

The term "runoff" shall mean the flow of storm water resulting from precipitation or snow/ice melt coming into contact with the industrial facility property.

The term "uncontaminated runoff" shall mean runoff which does not come into contact (other than incidental) with any raw material, intermediate product, finished product, by-product, or waste product located on the industrial facility property.

NO DISCHARGE REPORTING

If there is no discharge event at this outfall during the sampling month, place an "X" in the **NO DISCHARGE** box located in the upper right corner of the preprinted Discharge Monitoring Report.

FLOATING SOLIDS OR VISIBLE FOAM

There shall be no discharge of floating solids or visible foam in other than trace amounts.

FLOW MEASUREMENTS

"Estimate" flow measurements shall not be subject to the accuracy provisions established at Part III.C.6. The daily flow value may be estimated using best engineering judgment.

FOOTNOTES

- *1 Requirements for this parameter are effective during the period beginning the effective date of the permit and lasting through one (1) day prior to two (2) years from the effective date of the permit.
- *2 Requirements for this parameter are effective during the period beginning two (2) years from the effective date of the permit and lasting through the expiration date of the permit.
- *3 See Part II.D.
- *4 See Part II.I.
- *5 These limits shall again be in effect if discharge at Outfall 001 ceases.

OUTFALL 002

Discharge Type: Continuous

Latitude 36°41'31.36"N, Longitude 105°37'16.58"W

Elevation: 7226.3 feet

During the period beginning after commencement of discharge at Outfall 001 and lasting through the expiration date of the permit or until discharge at Outfall 001 ceases (*5),

the permittee is authorized to discharge seepage from the tailings impoundment to the Red River in Segment No. 20.6.4.122 of the Rio Grande Basin.

Such discharges shall be limited and monitored by the permittee as specified below:

pH RANGE

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS	
	QUALITY (UNITS AS STATED)	
	MINIMUM	MAXIMUM
pH (Standard Units)	6.0	9.0
STORET: 00400		

PARAMETERS/STORET CODES	MONITORING REQUIREMENTS	
	FREQUENCY OF	SAMPLE
	ANALYSIS	TYPE
pH (Standard Units)	1/Week	Grab
STORET: 00400		

CHEMICAL/PHYSICAL/BIOCHEMICAL

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS			
	QUANTITY/LOADING		QUALITY/CONCENTRATION	
	(LBS/DAY UNLESS STATED)		(mg/L UNLESS STATED)	
	MONTHLY AVG	DAILY MAX	MONTHLY AVG	DAILY MAX
Flow	Report MGD	Report MGD	****	****
STORET: 50050				
Chemical Oxygen Demand	175	263	60	90
STORET: 00340				
Total Suspended Solids	58	87.6	20	30
STORET: 00530				
Total Arsenic (*1)	1.46	2.9	0.5	1.0
STORET: 01002				
Total Arsenic (*2)	0.73	1.1	0.25	0.375
STORET: 01002				
Total Cadmium (*1)	0.146	0.146	0.05	0.05
STORET: 01027				
Total Cadmium (*2)	0.009	0.013	0.003	0.0044

STORET: 01027				
Total Copper (*1)	0.438	0.876	0.15	0.3
STORET: 01042				
Total Copper (*2)	0.12	0.18	0.041	0.062
STORET: 01042				
Total Cyanide (*1)	0.073	0.146	0.025	0.05
STORET: 00720				
Total Cyanide (*2)	0.02	0.029	0.007	0.01
STORET: 00720				
Fluoride	8.75	8.75	3.0	3.0
STORET: 00951				
Total Iron	1.75	1.75	0.6	0.6
STORET: 01045				
Total Lead (*1)	0.876	1.75	0.3	0.6
STORET: 01051				
Total Lead (*2)	0.09	0.13	0.031	0.046
STORET: 01051				
Total Manganese	2.9	4.38	1.0	1.5
STORET: 01055				
Total Mercury (*1)	0.0029	0.0058	0.001	0.002
STORET: 71900				
Total Mercury (*2)	0.000047	0.00007	0.000016	0.000024
STORET: 71900				
Total Molybdenum (*1)	9.6	14.7	3.3	5.03
STORET: 01062				
Total Molybdenum (*2)	4.13	6.2	1.34	2.01
STORET: 01062				
Total Zinc	0.58	0.58	0.2	0.2
STORET: 01092				
Total Aluminum (*1)	0.25	0.376	Report	Report
STORET: 01105				
Total Aluminum (*2)	0.169	0.25	0.058	0.087
STORET: 01105				

PARAMETERS/STORET CODESMONITORING REQUIREMENTS

	<u>FREQUENCY OF ANALYSIS</u>	<u>SAMPLE TYPE</u>
Flow	Continuous	Record
STORET: 50050		
Chemical Oxygen Demand	1/Month	24-Hr. Composite (*3)
STORET: 00340		
Total Suspended Solids	1/Month	24-Hr. Composite (*3)
STORET: 00530		
Total Arsenic	1/Month	24-Hr. Composite (*3)
STORET: 01002		
Total Cadmium	1/Month	24-Hr. Composite (*3)
STORET: 01027		
Total Copper	1/Month	24-Hr. Composite (*3)
STORET: 01042		
Total Cyanide	1/Month	24-Hr. Composite (*3)
STORET: 00720		

Fluoride	1/Month	24-Hr. Composite (*3)
STORET: 00951		
Total Iron	1/Month	24-Hr. Composite (*3)
STORET: 01045		
Total Lead	1/Month	24-Hr. Composite (*3)
STORET: 01051		
Total Manganese	1/Month	24-Hr. Composite (*3)
STORET: 01055		
Total Mercury	1/Month	24-Hr. Composite (*3)
STORET: 71900		
Total Molybdenum	1/Month	24-Hr. Composite (*3)
STORET: 01062		
Total Zinc	1/Month	24-Hr. Composite (*3)
STORET: 01092		
Total Aluminum	1/Month	24-Hr. Composite (*3)
STORET: 01105		

WHOLE EFFLUENT TOXICITY TESTING

PARAMETERS/STORET CODES**DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS****QUALITY (PERCENT % UNLESS STATED)****MONTHLY AVG MINIMUM****7-DAY MINIMUM**

Whole Effluent Toxicity Testing (*4)
(7-Day Static Renewal)

Pimephales promelas

STORET: TLP6C

Report

STORET: TOP6C

Report

STORET: TPP6C

Report

Ceriodaphnia dubia

STORET: TLP3B

Report

STORET: TOP3B

Report

STORET: TPP3B

Report

Species Quality Reporting Units: Pass = 0, Fail = 1

PARAMETERS/STORET CODES**MONITORING REQUIREMENTS****FREQUENCY OF****SAMPLE****ANALYSIS****TYPE**

Whole Effluent Toxicity Testing
(7-Day Static Renewal)

Pimephales promelas

STORET: TLP6C

1/year

24-Hr. Composite (*3)

STORET: TOP6C

1/year

24-Hr. Composite (*3)

STORET: TPP6C

1/year

24-Hr. Composite (*3)

Ceriodaphnia dubia

STORET: TLP3B

1/six months

24-Hr. Composite (*3)

STORET: TOP3B

1/six months

24-Hr. Composite (*3)

STORET: TPP3B

1/six months

24-Hr. Composite (*3)

SAMPLING LOCATION(S) AND OTHER REQUIREMENTS

SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): After collection of the combined seepage from the tailings impoundment and prior to discharge to the Red River.

DEFINITIONS

The term "runoff" shall mean the flow of storm water resulting from precipitation or snow/ice melt coming into contact with the industrial facility property.

The term "uncontaminated runoff" shall mean runoff which does not come into contact (other than incidental) with any raw material, intermediate product, finished product, by-product, or waste product located on the industrial facility property.

NO DISCHARGE REPORTING

If there is no discharge event at this outfall during the sampling month, place an "X" in the **NO DISCHARGE** box located in the upper right corner of the preprinted Discharge Monitoring Report.

FLOATING SOLIDS OR VISIBLE FOAM

There shall be no discharge of floating solids or visible foam in other than trace amounts.

FLOW MEASUREMENTS

"Estimate" flow measurements shall not be subject to the accuracy provisions established at Part III.C.6. The daily flow value may be estimated using best engineering judgment.

FOOTNOTES

- *1 Requirements for this parameter are effective during the period beginning the effective date of the permit and lasting through one (1) day prior to two (2) years from the effective date of the permit.
- *2 Requirements for this parameter are effective during the period beginning two (2) years from the effective date of the permit and lasting through the expiration date of the permit.
- *3 See Part II.D.
- *4 See Part II.I.
- *5 When no discharge is made at Outfall 001, limits for Outfall 002 begining on page 6 of Part I of this permit shall be in effect.

OUTFALL 004 and 005

Discharge Type: Intermittent

Outfall 004: Latitude 36°41'13.76"N, Longitude 105°32'6.54"W

Elevation: 7838.8 feet

Outfall 005: Latitude 36°41'42"N, Longitude 105°29'22"W

Elevation: 8124.5 feet

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted),

the permittee is authorized to discharge periodic mine drainage consisting only of mine contacted surface storm water runoff to the Red River in Segment No. 20.6.4.122 of the Rio Grande Basin.

Such discharges shall be limited and monitored by the permittee as specified below:

pH RANGE

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS	
	QUALITY (UNITS AS STATED)	
	MINIMUM	MAXIMUM
pH (Standard Units) STORET: 00400	6.0	9.0

PARAMETERS/STORET CODES	MONITORING REQUIREMENTS	
	FREQUENCY OF ANALYSIS	SAMPLE TYPE
pH (Standard Units) STORET: 00400	1/Day (*1)	Grab

CHEMICAL/PHYSICAL/BIOCHEMICAL

PARAMETERS/STORET CODES	DISCHARGE LIMITATIONS/REPORTING REQUIREMENTS			
	QUANTITY/LOADING (LBS/DAY UNLESS STATED)		QUALITY/CONCENTRATION (mg/L UNLESS STATED)	
	MONTHLY AVG	DAILY MAX	MONTHLY AVG	DAILY MAX
Flow STORET: 50050	Report MGD	Report MGD	****	****
Chemical Oxygen Demand STORET: 00340	****	****	125	125
Total Suspended Solids STORET: 00530	****	****	20	30
Total Arsenic STORET: 01002	****	****	0.48	0.644
Total Cadmium STORET: 01027	****	****	0.0037	0.0055
Total Copper STORET: 01042	****	****	0.033	0.049
Total Lead	****	****	0.3	0.455

STORET: 01051				
Total Mercury	****	****	0.0016	0.0024
STORET: 71900				
Total Zinc	****	****	0.2	0.2
STORET: 01092				
Total Aluminum	****	****	0.5	0.75
STORET: 01105				
Total Silver	****	****	0.003	0.005
STORET: 01077				
Chlordane	****	****	0.0016	0.0024
STORET: 39350				
Total Residual Chlorine	****	****	0.0127	0.019
STORET: 50060				

PARAMETERS/STORET CODESMONITORING REQUIREMENTS

	<u>FREQUENCY OF ANALYSIS</u>	<u>SAMPLE TYPE</u>
Flow	1/Day (*1)	Measure (*3)(*2)
STORET: 50050		
Chemical Oxygen Demand	1/Day (*1)	24-Hr. Composite (*2)
STORET: 00340		
Total Suspended Solids	1/Day (*1)	24-Hr. Composite (*2)
STORET: 00530		
Total Arsenic	1/Day (*1)	24-Hr. Composite (*2)
STORET: 01002		
Total Cadmium	1/Day (*1)	24-Hr. Composite (*2)
STORET: 01027		
Total Copper	1/Day (*1)	24-Hr. Composite (*2)
STORET: 01042		
Total Lead	1/Day (*1)	24-Hr. Composite (*2)
STORET: 01051		
Total Mercury	1/Day (*1)	24-Hr. Composite (*2)
STORET: 71900		
Total Zinc	1/Day (*1)	24-Hr. Composite (*2)
STORET: 01092		
Total Aluminum	1/Month (*1)	24-Hr. Composite (*2)
STORET: 01105		
Total Silver	1/Month (*1)	24-Hr. Composite (*2)
STORET: 01077		
Chlordane	1/Month (*1)	24-Hr. Composite (*2)
STORET: 39350		
Total Residual Chlorine	1/Month (*1)	24-Hr. Composite (*2)
STORET: 50060		

SAMPLING LOCATION(S) AND OTHER REQUIREMENTS

SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Prior to discharge from the settling basins.

DEFINITIONS

The term "runoff" shall mean the flow of storm water resulting from precipitation or snow/ice melt coming into contact with the industrial facility property.

The term "uncontaminated runoff" shall mean runoff which does not come into contact (other than incidental) with any raw material, intermediate product, finished product, by-product, or waste product located on the industrial facility property.

NO DISCHARGE REPORTING

If there is no discharge event at this outfall during the sampling month, place an "X" in the **NO DISCHARGE** box located in the upper right corner of the preprinted Discharge Monitoring Report.

FLOATING SOLIDS OR VISIBLE FOAM

There shall be no discharge of floating solids or visible foam in other than trace amounts.

FLOW MEASUREMENTS

"Estimate" flow measurements shall not be subject to the accuracy provisions established at Part III.C.6. The daily flow value may be estimated using best engineering judgment.

FOOTNOTES

- *1 When discharging
- *2 See Part II.C.
- *3 By calibrated weir.

B. PROHIBITIONS

The discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River shall be prohibited except in trace amounts. Implementation of the Best Management Practices required by PART II.A. of this permit will constitute compliance with this prohibition at Spring 13, Spring 39, and springs in the vicinity of the old mill site below the Sugar Shack South deposit. Compliance with this prohibition shall be accomplished as soon as practicable but in no case later than two years after the effective date of this permit.

C. SCHEDULE OF COMPLIANCE

The permittee shall comply with the following schedule of activities for construction of the seepage interception system required by PART I.B. of this permit and attainment of state water quality standards-based final effluent limitations for total arsenic, total cadmium, total copper, total cyanide, total lead, total mercury, total aluminum at Outfall 001 and total arsenic, total cadmium, total copper, total cyanide, total lead, total mercury, and total aluminum at Outfall 002:

- a. Determine exceedance cause(s);
- b. Develop control options;
- c. Evaluate and select control mechanisms;
- d. Implement corrective action; and
- e. Attain final effluent limitations no later than two (2) years from the effective date of the permit.

The permittee shall submit quarterly progress reports in accordance with the following schedule. The requirement to submit quarterly progress reports shall expire two (2) years from the effective date of the permit.

PROGRESS REPORT DATE

January 31
April 30
July 31
October 31

The quarterly progress reports shall include a discussion of the interim requirements that have been completed at the time of the report and shall address the progress towards constructing the seepage interception system and attaining the state water quality standards-based final effluent limitations for total cadmium, total copper, total cyanide, total lead, total mercury, total aluminum, total silver, chlordane, and total residual chlorine at Outfall 001 and total cadmium, total copper, total cyanide, total lead, total mercury, total aluminum, and chlordane at Outfall 002 no later than two (2) years from the effective date of the permit.

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fifteen (15) days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

D. REPORTING OF MONITORING RESULTS

Monitoring information shall be on Discharge Monitoring Report Form(s) EPA 3320-1 as specified in Part III.D.4 of this permit and shall be submitted monthly.

1. Reporting periods shall end on the last day of the month.
2. The permittee is required to submit regular monthly reports as described above postmarked no later than the following day of the month following each reporting period.

STATE
New Mexico Permits

DAY
15th

PART II - OTHER CONDITIONS

A. BEST MANAGEMENT PRACTICES

The permittee shall install the following seepage interception and management system to comply with the prohibition against the discharge to the Red River of pollutants traceable to point source mine operations except in trace amounts. Implementation of these Best Management Practices (described below) is considered compliance with this prohibition.

The permittee shall install seepage interception systems to prevent discharges of process related ground water to the Red River at Spring 13 and Spring 39. The permittee shall also install a ground water withdrawal well below the toe of the Sugar Shack South deposit at a location approximately 100 yards southwest of the old mill site.

Spring 13 is defined as the seepage zone located on the north side of the Red River at the southwest base of Goathill, just east of Capulin Canyon.

Spring 39 is defined as the seepage zone located on the north side of the Red River approximately 500 feet east of Goathill Campground.

The Spring 13 seepage interception system shall consist of a french drain with a minimum length of 400 feet long, designed and operated for a pumping rate of at least 50 gallons per minute. The french drain shall be placed at a depth at least two feet below the low water river surface and a minimum of ten feet north of the river channel. An additional french drain shall be installed which extends a minimum of 800 feet downstream from the Spring 13 french drain and is designed, constructed, and operated to capture shallow seepage flow along the river reach of the mouth of Capulin Canyon. Orifices in the french drains shall be evenly spaced at a distance of 2 to 3 feet apart.

The Spring 39 seepage interception system shall consist of a french drain with a minimum length of 400 feet, which is centered around the spring and is designed and operated for a 35 gallon per minute pumping rate. The french drain shall be placed at a depth of at least two feet below the low water river surface and a minimum of ten feet outside of the stream channel. Orifices in the french drain shall be evenly spaced at a distance of 2 to 3 feet apart.

The ground water withdrawal well shall be constructed and pumped to capture potential discharges from point source mine operations through a hydrologic connection in the vicinity of the old mill site. Water from the well shall be pumped to the mine or mill for use in operations.

The permittee shall conduct a field investigation to determine available alterations in the seepage interception system design listed above which will potentially enhance its collection efficiency. The field investigation must at a minimum include:

- a. Determination of the groundwater elevation, direction of flow, and gradient in the vicinity of spring 13, spring 39, and below the Sugar Shack deposit in the vicinity of the old mill site.
- b. Determination of the hydrological characteristics of the shallow ground water aquifer.
- c. Pilot testing of a 100 foot long collection system located at Spring 13 and determination of necessary changes to the french drain orifice size and spacing, pipe depth, and distance from river.

Field investigations conducted to determine changes to the seepage interception system design criteria described above shall be submitted to EPA Region 6 prior to implementation of those changes. Any changes must be made only after written approval from the Agency. Progress reports on field investigation and construction of the seepage interception system shall be submitted quarterly to EPA Region 6 and the New Mexico Environment Department (NMED).

Upon completion of the seepage interception system, the permittee shall evaluate the system to determine its effectiveness. The evaluation shall include a determination of the ground water yield relative to the volume and flow rate observed in the field investigation described above and a visual examination of the Red River and its northern bank in the vicinity of Spring 13, Spring 39, Portal Springs, and Cabin Springs. An analysis of existing ground water monitoring wells shall be used to determine the effectiveness of the ground water withdrawal well. A report of those evaluations shall be submitted to EPA Region 6 and NMED within three months after completion of the interception system and ground water withdrawal well. Should the seepage interception system or the ground water withdrawal well prove ineffective at capturing discharges of pollutants traceable to mine operations, the permittee shall make any necessary alterations to the system which are required to capture such discharges. The permit may be reopened to address such discharges.

The permittee shall conduct monthly visual inspections of the Red River and its banks in the vicinity of the facility, to identify any significant discharge or seepage which may be directly from or hydrologically connected to the permittee's mining operations. Visual inspection shall include the entire length of the river in the vicinity of the permittee's property and shall include the following historic seeps and springs: Goathill Gulch seep, Sulphur Gulch seep, Portal springs, Cabins Springs, Spring 39, and Spring 13. Data obtained from monitoring wells located below the tailings ponds may be substituted for visual observation of the river and its banks in that area. A report summarizing the monthly inspections shall be submitted quarterly beginning January 15th, 2001 to EPA Region 6 and NMED. In the event that such a discharge or seepage is

fourteen day reporting requirement applies to Spring 13, Spring 39, and below the Sugar Shack deposit in the vicinity of the old mill only after installation of the seepage interception system. This permit may be reopened if any significant discharge or seepage occurs or if it is determined that existing seepage in other locations is hydrologically connected to the mine..

B. MINIMUM QUANTIFICATION LEVEL (MQL)

If any individual analytical test result is less than the minimum quantification level listed below, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements.

	<u>MQL (ug/L)</u>
Aluminum	100
Chlorine (Total Residual)	100
Arsenic (Total)	10
Cadmium (Total)	1
Chromium (Total)	10
Copper (Total)	10
Lead (Total)	5
Mercury (Total)	0.2
Nickel (Total)	5
Silver (Total)	2
Zinc (Total)	20
Cyanide (Total)	20
Cyanide (Amenable)	20
Chlordane	0.2
Gross Alpha (Total)	0.88 (pCi/L)

The permittee may develop an effluent specific method detection limit (MDL) in accordance with Appendix B to 40CFR136. For any pollutant for which the permittee determines an effluent specific MDL, the permittee shall send to the EPA Region 6 NPDES Permits Branch (6WQ-P) a report containing QA/QC documentation, analytical results, and calculations necessary to demonstrate that the effluent specific MDL was correctly calculated. An effluent specific minimum quantification level (MQL) shall be determined in accordance with the following calculation:

$$\text{MQL} = 3.3 \times \text{MDL}$$

Upon written approval by the EPA Region 6 NPDES Permits Branch (6WQ-P), the effluent specific MQL may be utilized by the permittee for all future Discharge Monitoring Report (DMR) calculations and reporting requirements.

C. 24-HOUR ORAL REPORTING: DAILY MAXIMUM LIMITATION VIOLATIONS

Under the provisions of Part III.D.7.b.(3) of this permit, violations of daily maximum limitations for the following pollutants shall be reported orally to EPA Region 6, Compliance and Assurance Division, Water Enforcement Branch (6EN-W), Dallas, Texas, within 24 hours from the time the permittee becomes aware of the violation followed by a written report in five days.

D. COMPOSITE SAMPLING (24-HOUR)

Unless otherwise specified in this permit, the term "24-hour composite sample" means a sample consisting of a minimum of three (3) aliquots of effluent collected at regular intervals over a normal 24-hour operating period and combined in proportion to flow or a sample continuously collected in proportion to flow over a normal 24-hour operating period.

E. CYANIDE EFFLUENT TEST PROCEDURES

To comply with the sampling and analysis requirements for total cyanide and cyanide amenable to chlorination, the permittee shall use an approved test procedure at 40CFR136. If the analysis of cyanide amenable to chlorination is subject to matrix interferences, the weak acid dissociable cyanide method (Method 4500 CN I - Standard Methods, latest edition approved in 40CFR136) may be substituted for this parameter. The permittee may use ion chromatographic separation - amperometric detection (IC method) as a substitute for the colorimetric detection steps in any of the above cyanide methods. No other modifications of the above methods are authorized by this provision unless such modifications are approved in writing by the permitting authority.

F. MOLYBDENUM EFFLUENT TEST PROCEDURES

The Molycorp thiocyanate colorimetric method is approved for the analysis of molybdenum unless subsequently determined to be inappropriate by the NMED or EPA.

G. TAILINGS SPILL MONITORING REQUIREMENTS

As soon as practicable after the arrival of Molycorp's environmental staff at the site of a tailings spill that reaches the Red River, but no later than two (2) hours after arrival at the site, water quality sampling shall commence. Samples shall be taken at three sites:

- (1) Approximately 100 feet above the point where tailings enter the river;
- (2) Approximately 100 feet below the point where tailings enter the river; and
- (3) Approximately one-half mile below the point where tailings enter the river.

All samples shall be properly preserved and analyzed for:

Chemical Oxygen Demand
Total Suspended Solids
Total Arsenic
Total Cadmium
Total Copper
Total Cyanide
Fluoride
Total Iron
Total Lead
Total Manganese
Total Mercury
Total Molybdenum
Total Zinc
Total Aluminum
Total Boron
Total Chromium
Total Cobalt
Total Selenium
Total Vanadium
Total Beryllium
Total Nickel
Total Silver
Un-ionized Ammonia (as N)
Total Residual Chlorine
Temperature
pH

The results of the analysis shall be submitted to the EPA and the NMED within 30 days following a tailings spill.

Consistent with the procedures described in the Preventative Maintenance and Surveillance Plan and the Contingency Action and Reporting Plan (June 1975), a written report containing the following information will be sent to the EPA and the NMED within ten (10) days following any spill:

- (1) Date of Spill.
- (2) Time when the spill was observed and time when tailings flow into the river was stopped.
- (3) Location (pipe or coupling number).
- (4) Estimated amount of tailings that entered the river.

- (5) Sketch and dimension of size of hole or failure that caused the spill.
- (6) Position of failure in the pipe or coupling.
- (7) Copy of the latest computer printout covering the pipe or coupling which failed.
- (8) Comments, if required for clarification.

H. REOPENER CLAUSE

The permit may be modified or revoked and reissued if any of the following events occurs:

1. The effluent limitations in this permit are consistent with, or more stringent than, the State of New Mexico Standards for Interstate and Intrastate Surface Waters or the limits established for dischargers in the same water body in the 1985 State Water Quality Management Plan (WQMP). The State is presently reevaluating and updating the final effluent limitations necessary to protect water quality standards. When final effluent limitations are established in an approved WQMP and if they are more stringent than those listed in this permit, or controls a pollutant not listed in this permit, then the permit may be modified or revoked and reissued to conform with the approved WQMP final effluent limitations.
2. Effluent monitoring requirements for the following parameter(s) have been established in this permit based on an exceedance of the EPA water quality criteria for the protection of human health from consumption of contaminated fish and shellfish:

<u>PARAMETER</u>	<u>STORET</u>
Arsenic	01002

Should the State adopt a State water quality standard, this permit may be reopened for modification or revocation and reissuance to established effluent limitations for the parameter(s) to be consistent with that approved State standard in accordance with 40CFR122.44(d). Modification or revocation and reissuance of the permit shall follow regulations listed at 40CFR124.5.

3. If EPA determines that the reissuance of this permit may affect federally listed endangered or threatened species or modify the critical habitats of those species, EPA would initiate an consultation with the US Fish and Wildlife Service (FWS), in accordance with the Endangered Species Act (ESA.) The permit may be modified or revoked and reissued if EPA finds, during the ESA consultation with

the FWS, that more stringent conditions are warrant for the protection of those species and/or their critical habitats.

4. Should evaluation of the seepage interception system field investigation, required in Part II.A. of this permit, show that substantial changes to the seepage interception system design are necessary, this permit may be modified or revoked and reissued to incorporate relevant changes to the design of the system.
5. Should monitoring required under PART II.A. of this permit show that the seepage interception system is ineffective or find seepage traceable to point source mine operations, this permit may be modified or revoked and reissued to address those discharges.

I. WHOLE EFFLUENT TOXICITY TESTING (7-DAY CHRONIC NOEC FRESHWATER)

1. SCOPE AND METHODOLOGY

- a. The permittee shall test the effluent for toxicity in accordance with the provisions in this section.

APPLICABLE TO FINAL OUTFALL(S): 001 and 002 combined
REPORTED ON DMR AS FINAL OUTFALL:

TXS

CRITICAL DILUTION (%):	50
EFFLUENT DILUTION SERIES (%):	21, 28, 38, 50, and 67
COMPOSITE SAMPLE TYPE:	Defined at PART I
TEST SPECIES/METHODS:	40CFR136

Ceriodaphnia dubia chronic static renewal survival and reproduction test, Method 1002.0, EPA/600/4-91/002 or the most recent update thereof. This test should be terminated when 60% of the surviving adults in the control produce three broods.

Pimephales promelas (Fathead minnow) chronic static renewal 7-day larval survival and growth test, Method 1000.0, EPA/600/4-91/002, or the most recent update thereof. A minimum of five (5) replicates with eight (8) organisms per replicate must be used in the control and in each effluent dilution of this test.

- b. The NOEC (No Observed Effect Concentration) is defined as the greatest effluent dilution which does not result in lethality that is statistically different from the control (0% effluent) at the 95% confidence level.
- c. This permit may be reopened to require whole effluent toxicity limits, chemical specific effluent limits, additional testing, and/or other appropriate actions to address toxicity.

2. PERSISTENT LETHALITY

The requirements of this subsection apply only when a toxicity test demonstrates significant lethal effects at the critical dilution. Significant lethal effects are herein defined as a statistically significant difference at the 95% confidence level between the survival of the appropriate test organism in a specified effluent dilution and the control (0% effluent).

a. PART I TESTING FREQUENCY OTHER THAN MONTHLY

- i. The permittee shall conduct a total of two (2) additional tests for any species that demonstrates significant lethal effects at the critical dilution. The two additional tests shall be conducted monthly during the next two consecutive months. The permittee shall not substitute either of the two additional tests in lieu of routine toxicity testing. The full report shall be prepared for each test required by this section in accordance with procedures outlined in Item 4 of this section.
- ii. If one or both of the two additional tests demonstrates significant lethal effects at the critical dilution, the permittee shall initiate Toxicity Reduction Evaluation (TRE) requirements as specified in Item 5 of this section. The permittee shall notify EPA in writing within 5 days of the failure of any retest, and the TRE initiation date will be the test completion date of the first failed retest.
- iii. If one or both of the two additional tests demonstrates significant lethal effects at the critical dilution, the permittee shall henceforth increase the frequency of testing for this species to once per quarter for the life of the permit.
- iv. The provisions of Item 2.a are suspended upon submittal of the TRE Action Plan.

b. PART I TESTING FREQUENCY OF MONTHLY

The permittee shall initiate the Toxicity Reduction Evaluation (TRE) requirements as specified in Item 5 of this section when any two of three consecutive monthly toxicity tests exhibit significant lethal effects at the critical dilution.

3. REQUIRED TOXICITY TESTING CONDITIONS

a. TEST ACCEPTANCE

The permittee shall repeat a test, including the control and all effluent dilutions, if the procedures and quality assurance requirements defined in the test methods or in this permit are not satisfied, including the following additional criteria:

- i. The toxicity test control (0% effluent) must have survival equal to or greater than 80%.
- ii. The mean number of Ceriodaphnia dubia neonates produced per surviving adult in the control (0% effluent) must be 15 or more.
- iii. The mean dry weight of surviving Fathead minnow larvae at the end of the 7 days in the control (0% effluent) must be 0.25 mg per larva or greater.
- iv. The percent coefficient of variation between replicates shall be 40% or less in the control (0% effluent) for: the young of surviving adults in the Ceriodaphnia dubia reproduction test; the growth and survival endpoints of the Fathead minnow test.
- v. The percent coefficient of variation between replicates shall be 40% or less in the critical dilution, unless significant lethal or nonlethal effects are exhibited for: the young of surviving adults in the Ceriodaphnia dubia reproduction test; the growth and survival endpoints of the Fathead minnow test.

Test failure may not be construed or reported as invalid due to a coefficient of variation value of greater than 40%. A repeat test shall be conducted within the required reporting period of any test determined to be invalid.

b. STATISTICAL INTERPRETATION

- i. For the Ceriodaphnia dubia survival test, the statistical analyses used to determine if there is a significant difference between the control and the critical dilution shall be Fisher's Exact Test as described in EPA/600/4-91/002 or the most recent update thereof.

If the conditions of Test Acceptability are met in Item 3.a above and the percent survival of the test organism is equal to or greater than 80% in the critical dilution concentration and all lower dilution concentrations, the test shall be considered to be a passing test, and the permittee shall report an NOEC of not less than the critical dilution for the DMR reporting requirements found in Item 4 below.

- ii. For the Ceriodaphnia dubia reproduction test and the Fathead minnow larval survival and growth test, the statistical analyses used to determine if there is a significant difference between the control and the critical dilution shall be in accordance with the methods for determining the No Observed Effect Concentration (NOEC) as described in EPA/600/4-91/002 or the most recent update thereof.

c. DILUTION WATER

- i. Dilution water used in the toxicity tests will be receiving water collected as close to the point of discharge as possible but unaffected by the discharge. The permittee shall substitute synthetic dilution water of similar pH, hardness, and alkalinity to the closest downstream perennial water for;
- (A) toxicity tests conducted on effluent discharges to receiving water classified as intermittent streams; and
- (B) toxicity tests conducted on effluent discharges where no receiving water is available due to zero flow conditions.
- ii. If the receiving water is unsatisfactory as a result of instream toxicity (fails to fulfill the test acceptance criteria of Item 3.a), the permittee may substitute synthetic dilution water for the receiving water in all subsequent tests provided the unacceptable receiving water test met the following stipulations:

- (A) a synthetic dilution water control which fulfills the test acceptance requirements of Item 3.a was run concurrently with the receiving water control;
- (B) the test indicating receiving water toxicity has been carried out to completion (i.e., 7 days);
- (C) the permittee includes all test results indicating receiving water toxicity with the full report and information required by Item 4 below; and
- (D) the synthetic dilution water shall have a pH, hardness, and alkalinity similar to that of the receiving water or closest downstream perennial water not adversely affected by the discharge, provided the magnitude of these parameters will not cause toxicity in the synthetic dilution water.

d. SAMPLES AND COMPOSITES

- i. The permittee shall collect a minimum of three flow-weighted composite samples from the outfall(s) listed at Item 1.a above.
- ii. The permittee shall collect second and third composite samples for use during 24-hour renewals of each dilution concentration for each test. The permittee must collect the composite samples such that the effluent samples are representative of any periodic episode of chlorination, biocide usage or other potentially toxic substance discharged on an intermittent basis.
- iii. The permittee must collect the composite samples so that the maximum holding time for any effluent sample shall not exceed 72 hours. The permittee must have initiated the toxicity test within 36 hours after the collection of the last portion of the first composite sample. Samples shall be chilled to 4 degrees Centigrade during collection, shipping, and/or storage.
- iv. If the flow from the outfall(s) being tested ceases during the collection of effluent samples, the requirements for the minimum number of effluent samples, the minimum number of effluent portions and the sample holding time are waived during that sampling period. However, the permittee must collect an effluent composite sample volume during the period of discharge that is sufficient to complete the required toxicity tests with daily renewal of effluent.

When possible, the effluent samples used for the toxicity tests shall be collected on separate days if the discharge occurs over multiple days. The effluent composite sample collection duration and the static renewal protocol associated with the abbreviated sample collection must be documented in the full report required in Item 4 of this section.

- v. MULTIPLE OUTFALLS: If the provisions of this section are applicable to multiple outfalls, the permittee shall combine the composite effluent samples in proportion to the average flow from the outfalls listed in Item 1.a above for the day the sample was collected. The permittee shall perform the toxicity test on the flow-weighted composite of the outfall samples.

4. REPORTING

- a. The permittee shall prepare a full report of the results of all tests conducted pursuant to this section in accordance with the Report Preparation Section of EPA/600/4-91/002, or the most current publication, for every valid or invalid toxicity test initiated whether carried to completion or not. The permittee shall retain each full report pursuant to the provisions of PART III.C.3 of this permit. The permittee shall submit full reports only upon the specific request of the Agency.
- b. A valid test for each species must be reported on the DMR during each reporting period specified in PART I of this permit unless the permittee is performing a TRE which may increase the frequency of testing and reporting. Only ONE set of biomonitoring data for each species is to be recorded on the DMR for each reporting period. The data submitted should reflect the LOWEST Survival results for each species during the reporting period. All invalid tests, repeat tests (for invalid tests), and retests (for tests previously failed) performed during the reporting period must be attached to the DMR for EPA review.
- c. The permittee shall submit the results of each valid toxicity test on the subsequent monthly DMR for that reporting period in accordance with PART III.D.4 of this permit, as follows below. Submit retest information clearly marked as such with the following month's DMR. Only results of valid tests are to be reported on the DMR.

i. Pimephales promelas (Fathead Minnow)

- (A) If the No Observed Effect Concentration (NOEC) for survival is less than the critical dilution, enter a "1"; otherwise, enter a "0" for Parameter No. TLP6C.
- (B) Report the NOEC value for survival, Parameter No. TOP6C.
- (C) Report the NOEC value for growth, Parameter No. TPP6C.

ii. Ceriodaphnia dubia

- (A) If the NOEC for survival is less than the critical dilution, enter a "1"; otherwise, enter a "0" for Parameter No. TLP3B.
- (B) Report the NOEC value for survival, Parameter No. TOP3B.
- (C) Report the NOEC value for reproduction, Parameter No. TPP3B.

5. TOXICITY REDUCTION EVALUATION (TRE)

- a. Within ninety (90) days of confirming lethality in the retests, the permittee shall submit a Toxicity Reduction Evaluation (TRE) Action Plan and Schedule for conducting a TRE. The TRE Action Plan shall specify the approach and methodology to be used in performing the TRE. A Toxicity Reduction Evaluation is an investigation intended to determine those actions necessary to achieve compliance with water quality-based effluent limits by reducing an effluent's toxicity to an acceptable level. A TRE is defined as a step-wise process which combines toxicity testing and analyses of the physical and chemical characteristics of a toxic effluent to identify the constituents causing effluent toxicity and/or treatment methods which will reduce the effluent toxicity. The TRE Action Plan shall lead to the successful elimination of effluent toxicity at the critical dilution and include the following:
 - i. Specific Activities. The plan shall detail the specific approach the permittee intends to utilize in conducting the TRE. The approach may include toxicity characterizations, identifications and confirmation activities, source evaluation, treatability studies, or alternative approaches. When the permittee conducts Toxicity

Characterization Procedures the permittee shall perform multiple characterizations and follow the procedures specified in the documents "Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures" (EPA-600/6-91/003) and "Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I" (EPA-600/6-91/005F), or alternate procedures. When the permittee conducts Toxicity Identification Evaluations and Confirmations, the permittee shall perform multiple identifications and follow the methods specified in the documents "Methods for Aquatic Toxicity Identification Evaluations, Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations, Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081), as appropriate.

The documents referenced above may be obtained through the National Technical Information Service (NTIS) by phone at (703) 487-4650, or by writing:

U.S. Department of Commerce
National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161

- ii. Sampling Plan (e.g., locations, methods, holding times, chain of custody, preservation, etc.). The effluent sample volume collected for all tests shall be adequate to perform the toxicity test, toxicity characterization, identification and confirmation procedures, and conduct chemical specific analyses when a probable toxicant has been identified;

Where the permittee has identified or suspects specific pollutant(s) and/or source(s) of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical specific analyses for the identified and/or suspected pollutant(s) and/or source(s) of effluent toxicity. Where lethality was demonstrated within 48 hours of test initiation, each composite sample shall be analyzed independently. Otherwise the permittee may substitute a composite sample, comprised of equal portions of the individual composite samples, for the chemical specific analysis;

- iii. Quality Assurance Plan (e.g., QA/QC implementation, corrective actions, etc.); and
 - iv. Project Organization (e.g., project staff, project manager, consulting services, etc.).
- b. The permittee shall initiate the TRE Action Plan within thirty (30) days of plan and schedule submittal. The permittee shall assume all risks for failure to achieve the required toxicity reduction.
- c. The permittee shall submit a quarterly TRE Activities Report, with the Discharge Monitoring Report in the months of January, April, July and October, containing information on toxicity reduction evaluation activities including:
- i. any data and/or substantiating documentation which identifies the pollutant(s) and/or source(s) of effluent toxicity;
 - ii. any studies/evaluations and results on the treatability of the facility's effluent toxicity; and
 - iii. any data which identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to meet no significant lethality at the critical dilution.

A copy of the TRE Activities Report shall also be submitted to the state agency.

- d. The permittee shall submit a Final Report on Toxicity Reduction Evaluation Activities no later than twenty-eight (28) months from confirming lethality in the retests, which provides information pertaining to the specific control mechanism selected that will, when implemented, result in reduction of effluent toxicity to no significant lethality at the critical dilution. The report will also provide a specific corrective action schedule for implementing the selected control mechanism.

A copy of the Final Report on Toxicity Reduction Evaluation Activities shall also be submitted to the state agency.

PART III - STANDARD CONDITIONS FOR NPDES PERMITSA. GENERAL CONDITIONS1. INTRODUCTION

In accordance with the provisions of 40 CFR Part 122.41, et. seq., this permit incorporates by reference ALL conditions and requirements applicable to NPDES Permits set forth in the Clean Water Act, as amended, (hereinafter known as the "Act") as well as ALL applicable regulations.

2. DUTY TO COMPLY

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. TOXIC POLLUTANTS

a. Notwithstanding Part III.A.5, if any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition.

b. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Act for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

4. DUTY TO REAPPLY

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The application shall be submitted at least 180 days before the expiration date of this permit. The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date. Continuation of expiring permits shall be governed by regulations promulgated at 40 CFR Part 122.6 and any subsequent amendments.

5. PERMIT FLEXIBILITY

This permit may be modified, revoked and reissued, or terminated for cause in accordance with 40 CFR 122.62-64. The filing of a request for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. PROPERTY RIGHTS

This permit does not convey any property rights of any sort, or any exclusive privilege.

7. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

8. CRIMINAL AND CIVIL LIABILITY

Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Any false or materially misleading representation or concealment of information required to be reported by the provisions of the permit, the Act, or applicable regulations, which avoids or effectively defeats the regulatory purpose of the Permit may subject the Permittee to criminal enforcement pursuant to 18 U.S.C. Section 1001.

9. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.

10. STATE LAWS

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.

11. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

B. PROPER OPERATION AND MAINTENANCE1. NEED TO HALT OR REDUCE NOT A DEFENSE

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. The permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failure either by means of alternate power sources, standby generators or retention of inadequately treated effluent.

2. DUTY TO MITIGATE

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

3. PROPER OPERATION AND MAINTENANCE

a. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by permittee as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants and will achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of this permit.

b. The permittee shall provide an adequate operating staff which is duly qualified to carry out operation, maintenance and testing functions required to insure compliance with the conditions of this permit.

4. BYPASS OF TREATMENT FACILITIES**a. BYPASS NOT EXCEEDING LIMITATIONS**

The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Parts III.B.4.b. and 4.c.

b. NOTICE**(1) ANTICIPATED BYPASS**

If the permittee knows in advance of the need for a bypass, it shall submit prior notice to EPA Region 6 and NMED, if possible at least ten days before the date of the bypass.

(2) UNANTICIPATED BYPASS

The permittee shall, within 24 hours, submit notice of an unanticipated bypass as required in Part III.D.7.

c. PROHIBITION OF BYPASS

(1) Bypass is prohibited, and the Director may take enforcement action against a permittee for bypass, unless:

(a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,

(c) The permittee submitted notices as required by Part III.B.4.b.

(2) The Director may allow an anticipated bypass after considering its adverse effects, if the Director determines that it will meet the three conditions listed at Part III.B.4.c(1).

5. UPSET CONDITIONS**a. EFFECT OF AN UPSET**

An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Part III.B.5.b. are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

b. CONDITIONS NECESSARY FOR A DEMONSTRATION OF UPSET

A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated;

(3) The permittee submitted notice of the upset as required by Part III.D.7; and,

(4) The permittee complied with any remedial measures required by Part III.B.2.

c. BURDEN OF PROOF

In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. REMOVED SUBSTANCES

Unless otherwise authorized, solids, sewage sludges, filter backwash, or other pollutants removed in the course of treatment or wastewater control shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters.

7. PERCENT REMOVAL (PUBLICLY OWNED TREATMENT WORKS)

For publicly owned treatment works, the 30-day average (or Monthly Average) percent removal for Biochemical Oxygen Demand and Total Suspended Solids shall not be less than 85 percent unless otherwise authorized by the permitting authority in accordance with 40 CFR 133.103.

C. MONITORING AND RECORDS**1. INSPECTION AND ENTRY**

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by the law to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and
- d. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

2. REPRESENTATIVE SAMPLING

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

3. RETENTION OF RECORDS

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the Director at any time.

4. RECORD CONTENTS

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;

- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) and time(s) analyses were performed;
- d. The individual(s) and laboratory who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

5. MONITORING PROCEDURES

- a. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit or approved by the Regional Administrator.
- b. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to insure accuracy of measurements and shall maintain appropriate records of such activities.
- c. An adequate analytical quality control program, including the analyses of sufficient standards, spikes, and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory.

6. FLOW MEASUREMENTS

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes.

D. REPORTING REQUIREMENTS**1. PLANNED CHANGES**

The permittee shall give notice to the Director as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

- (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR Part 122.29(b); or,
- (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements listed at Part III.D.10.a.

2. ANTICIPATED NONCOMPLIANCE

The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. TRANSFERS

This permit is not transferable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Act.

4. DISCHARGE MONITORING REPORTS AND OTHER REPORTS

Monitoring results must be reported on Discharge Monitoring Report (DMR) Form EPA No. 3320-1 in accordance with the "General Instructions" provided on the form. The permittee shall submit the original DMR signed and certified as required by Part III.D.11 and all other reports required by Part III.D. to the EPA at the address below. Duplicate copies of DMR's and all other reports shall be submitted to the appropriate State agency(ies) at the following address(es):

EPA:

Compliance Assurance and Enforcement Division
Water Enforcement Branch (6EN-W)
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

New Mexico:

Program Manager
Surface Water Quality Bureau
New Mexico Environment Department
P.O. Box 26110
1190 Saint Francis Drive
Santa Fe, NM 87502

5. ADDITIONAL MONITORING BY THE PERMITTEE

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR Part 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report (DMR). Such increased monitoring frequency shall also be indicated on the DMR.

6. AVERAGING OF MEASUREMENTS

Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Director in the permit.

7. TWENTY-FOUR HOUR REPORTING

a. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. The report shall contain the following information:

- (1) A description of the noncompliance and its cause;
- (2) The period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and,
- (3) Steps being taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge.

b. The following shall be included as information which must be reported within 24 hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Any upset which exceeds any effluent limitation in the permit; and,
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in Part II (industrial permits only) of the permit to be reported within 24 hours.

c. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

8. OTHER NONCOMPLIANCE

The permittee shall report all instances of noncompliance not reported under Parts III.D.4 and D.7 and Part I.B (for industrial permits only) at the time monitoring reports are submitted. The reports shall contain the information listed at Part III.D.7.

9. OTHER INFORMATION

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

10. CHANGES IN DISCHARGES OF TOXIC SUBSTANCES

All existing manufacturing, commercial, mining, and silvacultural permittees shall notify the Director as soon as it knows or has reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any

toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- (1) One hundred micrograms per liter (100 µg/L);
 - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitro-phenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - (4) The level established by the Director.
- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
- (1) Five hundred micrograms per liter (500 µg/L);
 - (2) One milligram per liter (1 mg/L) for antimony;
 - (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - (4) The level established by the Director.

11. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Director shall be signed and certified.

a. ALL PERMIT APPLICATIONS shall be signed as follows:

- (1) FOR A CORPORATION - by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
 - (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or,
 - (b) The manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- (2) FOR A PARTNERSHIP OR SOLE PROPRIETORSHIP - by a general partner or the proprietor, respectively.

- (3) FOR A MUNICIPALITY, STATE, FEDERAL, OR OTHER PUBLIC AGENCY - by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:

- (a) The chief executive officer of the agency, or
- (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

b. ALL REPORTS required by the permit and other information requested by the Director shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- (1) The authorization is made in writing by a person described above;
- (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or an individual occupying a named position; and,
- (3) The written authorization is submitted to the Director.

c. CERTIFICATION

Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

12. AVAILABILITY OF REPORTS

Except for applications, effluent data, permits, and other data specified in 40 CFR 122.7, any information submitted pursuant to this permit may be claimed as confidential by the submitter. If no claim is made at the time of submission, information may be made available to the public without further notice.

E. PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS**1. CRIMINAL****a. NEGLIGENT VIOLATIONS**

The Act provides that any person who negligently violates permit conditions implementing Section 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both.

b. KNOWING VIOLATIONS

The Act provides that any person who knowingly violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or by imprisonment for not more than 3 years, or both.

c. KNOWING ENDANGERMENT

The Act provides that any person who knowingly violates permit conditions implementing Sections 301, 302, 303, 306, 307, 308, 318, or 405 of the Act and who knows at that time that he is placing another person in imminent danger of death or serious bodily injury is subject to a fine of not more than \$250,000, or by imprisonment for not more than 15 years, or both.

d. FALSE STATEMENTS

The Act provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the Act or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the Act, shall upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment shall be by a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or by both. (See Section 309.c.4 of the Clean Water Act)

2. CIVIL PENALTIES

The Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to a civil penalty not to exceed \$27,500 per day for each violation.

3. ADMINISTRATIVE PENALTIES

The Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Act is subject to an administrative penalty, as follows:

a. CLASS I PENALTY

Not to exceed \$11,000 per violation nor shall the maximum amount exceed \$27,500.

b. CLASS II PENALTY

Not to exceed \$11,000 per day for each day during which the violation continues nor shall the maximum amount exceed \$137,500.

F. DEFINITIONS

All definitions contained in Section 502 of the Act shall apply to this permit and are incorporated herein by reference. Unless otherwise specified in this permit, additional definitions of words or phrases used in this permit are as follows:

1. ACT means the Clean Water Act (33 U.S.C. 1251 et. seq.), as amended.
2. ADMINISTRATOR means the Administrator of the U.S. Environmental Protection Agency.
3. APPLICABLE EFFLUENT STANDARDS AND LIMITATIONS means all state and Federal effluent standards and limitations to which a discharge is subject under the Act, including, but not limited to, effluent limitations, standards or performance, toxic effluent standards and prohibitions, and pretreatment standards.
4. APPLICABLE WATER QUALITY STANDARDS means all water quality standards to which a discharge is subject under the Act.
5. BYPASS means the intentional diversion of waste streams from any portion of a treatment facility.
6. DAILY DISCHARGE means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day. "Daily discharge" determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be arithmetic average (weighted by flow value) of all samples collected during that sampling day.
7. DAILY MAXIMUM discharge limitation means the highest allowable "daily discharge" during the calendar month.
8. DIRECTOR means the U.S. Environmental Protection Agency Regional Administrator or an authorized representative.

9. ENVIRONMENTAL PROTECTION AGENCY means the U.S. Environmental Protection Agency.
10. GRAB SAMPLE means an individual sample collected in less than 15 minutes.
11. INDUSTRIAL USER means a nondomestic discharger, as identified in 40 CFR 403, introducing pollutants to a publicly owned treatment works.
12. MONTHLY AVERAGE (also known as DAILY AVERAGE) discharge limitations means the highest allowable average of "daily discharge(s)" over a calendar month, calculated as the sum of all "daily discharge(s)" measured during a calendar month divided by the number of "daily discharge(s)" measured during that month. When the permit establishes daily average concentration effluent limitations or conditions, the daily average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar month where C = daily concentration, F = daily flow, and n = number of daily samples; daily average discharge =

$$C_1F_1 + C_2F_2 + \dots + C_nF_n$$

$$F_1 + F_2 + \dots + F_n$$

13. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of the Act.
14. SEVERE PROPERTY DAMAGE means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
15. SEWAGE SLUDGE means the solids, residues, and precipitates separated from or created in sewage by the unit processes of a publicly owned treatment works. Sewage as used in this definition means any wastes, including wastes from humans, households, commercial establishments, industries, and storm water runoff, that are discharged to or otherwise enter a publicly owned treatment works.
16. TREATMENT WORKS means any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage and industrial wastes of a liquid nature to implement Section 201 of the Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and their appurtenances,

extension, improvement, remodeling, additions, and alterations thereof.

17. UPSET means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
18. FOR FECAL COLIFORM BACTERIA, a sample consists of one effluent grab portion collected during a 24-hour period at peak loads.
19. The term "MGD" shall mean million gallons per day.
20. The term "mg/L" shall mean milligrams per liter or parts per million (ppm).
21. The term "µg/L" shall mean micrograms per liter or parts per billion (ppb).
22. MUNICIPAL TERMS
- a. 7-DAY AVERAGE or WEEKLY AVERAGE, other than for fecal coliform bacteria, is the arithmetic mean of the daily values for all effluent samples collected during a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week. The 7-day average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
- b. 30-DAY AVERAGE or MONTHLY AVERAGE, other than for fecal coliform bacteria, is the arithmetic mean of the daily values for all effluent samples collected during a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month. The 30-day average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.
- c. 24-HOUR COMPOSITE SAMPLE consists of a minimum of 12 effluent portions collected at equal time intervals over the 24-hour period and combined proportional to flow or a sample collected at frequent intervals proportional to flow over the 24-hour period.
- d. 12-HOUR COMPOSITE SAMPLE consists of 12 effluent portions collected no closer together than one hour and composited according to flow. The daily sampling intervals shall include the highest flow periods.

- e. 6-HOUR COMPOSITE SAMPLE consists of six effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) and composited according to flow.
- f. 3-HOUR COMPOSITE SAMPLE consists of three effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) and composited according to flow.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TEXAS 75202-2733

JAN 27 2004

REPLY TO: 6EN-WC

Mr. Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556-0469

Re: NPDES Permit No. NM0022306 ✓

Dear Mr. Martinez:

My staff has reviewed your January 9, 2004, submittal of computer-generated self monitoring form for discharge number 002A that you are proposing to use in lieu of the Discharge Monitoring Report (DMR) forms previously approved by this Agency. The revised DMR indicates the final T.Manganese limits that are effective February 1, 2004. It is obvious your staff has gone to a lot of work to develop a form that meets the requirements of the DMR.

Your computerized form has been approved. Please remember that for each reporting period, you will need to continue submitting an original and one copy of each DMR, signed in ink by a principal executive officer or their authorized agent.

You are reminded that when your permit conditions change, either by permit or some other document, it will be necessary for you to submit a revised DMR for approval based on those new conditions.

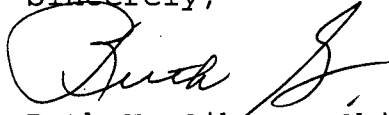
I appreciate your efforts to develop reporting forms that are not only cost-effective for you to generate, but actually

ds
1 - Permit/CO
2 - AO & AO matl
3 - DMR's
4 - Vic. Supt. Log
5 - ERM
6 - Correspondence
7 - CRAS
State Filed
Clerk's Inits.

- 2 -

save us resources in the process. If we can be of further assistance to you or your staff, please call Waudelle Strickley at (214) 665-7491.

Sincerely,



Ruth H. Gibson, Chief
NPDES Compliance Monitoring
Section (6EN-WC)

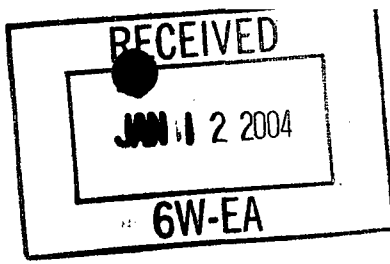
bcc: W. Strickley (6EN-WC)
C. Bius (6EN-WC)
6EN-WC Read File

CONCURRENCE:6EN-WC:Strickley:x7491:1/14/04 *JS*

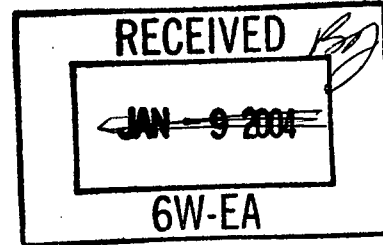
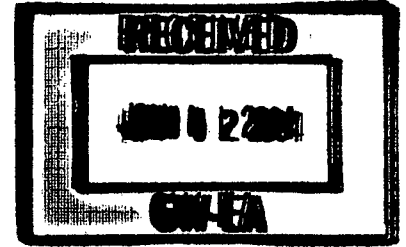
6EN-WC	6EN-WC				
<i>669</i> Jackson	Bius				

1/14/04

db
1/23/04



Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



January 9, 2004

Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, TX 75202-2733

Re: Approval of electronic DMR form. NPDES Permit #NM0022306

Dear Ms. Strickley:

As discussed in our conversation of January 7, 2003 enclosed is a sample electronic DMR form that incorporates the original effluent discharge limitation for Manganese listed in Part I.A of the permit effective February 1, 2001 for your review and approval. The revised DMR form incorporates the Manganese effluent discharge limitation for Outfall 002A that will become effective February 1, 2004.

Should you have any questions, or require further information please contact me at (505)-586-7639

Sincerely,

Armando Martinez
Environmental Compliance Specialist

Enclosures

1 - Permit/CD
2 - AD & AD mod
3 - DMR
4 - Vol. 2, Part 1, L. 1
5 - HSE
6 - Correspondence
7 - CHS
Date Filed
Charles H. HHS.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19) MG/L			
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Roy A. Torres

Manager, Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

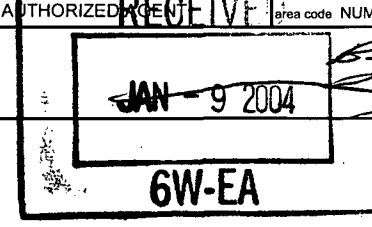
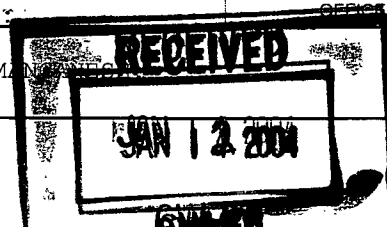
(505)5867637

area code NUMBER

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MA



Align top of FedEx Shipping Label or ASTRA Label here.

FedEx

emp: 190836 09JAN04

PRIORITY OVERNIGHT

MON

Deliver By:
12JAN04

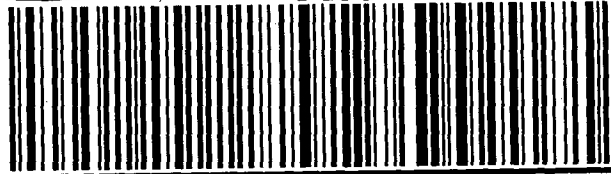
A1

TRK# **8414 5765 7784** FORM 0215

75202

-TX-US

**DFW
XH RBDA**



edEx USA Airbill
Express

FedEx
Tracking
Number

8414 5765 7784

From This portion can be removed for Recipient's records.

Date **1/9/04** FedEx Tracking Number

841457657784

Sender's Name **Armando Martinez**

Phone **505 586-7618**

Company **MOLYCORP INC**

Address **STATE HWY 38**

City **QUESTA**

State **NM** ZIP **87556**

Your Internal Billing Reference

3100 7632

To Recipient's Name **Ms. Waudelle Strickley**
(GEN-WC)

Phone **214 665-7491**

Company **USEPA Region 6**

Address To "HOLD" at FedEx location, print FedEx address.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address **1445 Ross Avenue**

City **Dallas**

State **TX** ZIP **75202-2733**



Form ID No. **0215** Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight
Next business morning

☐ FedEx Standard Overnight
Next business afternoon

Packages up to 150 lbs.
Delivery commitment may be later in some areas.
☐ FedEx First Overnight
Earliest next business morning
delivery to select locations

☐ FedEx 2Day
Second business day
FedEx Envelope rate not available. Minimum charge: One-pound rate

☐ FedEx Express Saver
Third business day

4b Express Freight Service

☐ FedEx 1Day Freight*
Next business day

☐ FedEx 2Day Freight
Second business day

Packages over 150 lbs.
Delivery commitment may be later in some areas.
☐ FedEx 3Day Freight
Third business day

* Call for Confirmation.

5 Packaging

☒ FedEx Envelope*

☐ FedEx Pak*
Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak

☐ Other

6 Special Handling

☐ SATURDAY Delivery
Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes

☐ HOLD Weekday at FedEx Location
Not available for FedEx First Overnight

☐ HOLD Saturday at FedEx Location
Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods?
One box must be checked.

☒ No ☐ Yes
As per attached Shipper's Declaration

☐ Yes
Shipper's Declaration not required

☐ Dry Ice
Dry Ice, 9, UN 1845 x kg

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

7 Payment Bill to:

☒ Sender
Acct. No. in Section 1 will be billed.

☐ Recipient

☐ Third Party

☐ Credit Card

Obtain Recip. Acct. No. ☐ Cash/Check

Total Packages **1**

Total Weight **0.5**

Total Charges

8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx. 800.463.3339.

SIF • Rev. Date 4/02 • Part #1576105 • ©1994-2002 FedEx • PRINTED IN U.S.A.

0250327016

447

505-586-7637

Scrtt: Take things seriously
Have responded quickly

Background: Located 3.5 miles east of Questa.

Mine site at 8-10 K feet, 4000+ acres

Mill on steep hill side

Incident: Emphasis on putting sw to beneficial reuse

Cuts falls 004 + 005 are SW

004 is outfall of Bine, 005 is the Mill

No discharge since 1993 permit included SW outfalls

Mill SW catchment pond that is pumped to mill building

Lots of construction in area recently

temporary ^{10 days} pipeline established during this time

2" inside a 4" pipe.

originally setup along a berm, but later on top of berm.

Sept. 28th big rain even $< 1.5"$ in 12 hours.

Security normally turns on pumps when it rains,
which was done at 8 pm.

That night the 2" + 4" became separated.

Same effort to locate estimate.

Est. max. possible vol. 94,000 gal.

discovered on Sept. 29th ~~at~~ pump shut off

pH = 7, ~~constant~~

Another pipeline was activated to reroute the water.

2 HDPB lines were setup to replace 30 HP + 13 HP backup

Add float valves so security not needed to turn off on/off pumps.

Added additional training of security for checking that the pump
system is working well.

Maintenance staff were given a training on pipes
from 4th Qtr 2004.

NM 27306

Taylor Sharpe has rescheduled this meeting

Begins: 01/26/2005 02:00 PM Local Time
Ends: 01/26/2005 04:00 PM Local Time

Title: Molycorp Show Cause
Location: Swordfish Room

Chair: Taylor Sharpe/R6/USEPA/US

To (required): Efren Ordonez/R6/USEPA/US@EPA, Waudelle Strickley/R6/USEPA/US@EPA
cc (optional):

Description

Show Cause Docket No. CWA-06-2005-1750

Questa facility, the Molybdenum Group. Sept. 28, 2004, 1.56 in rain. storm water pipe busted and discharged up to 94,500 gallons of storm water to the Red River. pH of 6.98 SU and conductivity of 369 uS/cm.

Scott Honan attending.

JAN 28 2005

1 - Parrill/CD
2 - AG & AD mail
3 - CWA
4 - No. 2 mail
5 - CWA
6 - Correspondence
7 - CWA
8 - State filed
9 - Clark's info.

Molycorp, Inc.
P.O. Box 469
3.5 Miles East of Questa on State Road 38
Questa, NM 87556-0469
Telephone: (505) 586-0212
Facsimile: (714) 985-7410

MOLYCORP, INC.
Questa Division

NM 22306

Fax

To: Ms. Waudelle Strickley

From: Armando Martinez

Fax: (214) 665-2168

Pages: 8 including cover

Phone: (214) 665-7491

Date: 1/14/2005

Re: Administrative Order Docket Number
CWA-06-2005-1750

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• **Comments:**

Dear Ms. Strickley,

Please find attached a letter regarding Administrative Order Docket Number CWA-06-2005-1750 NPDES Permit Number NM0022306. An original copy has been sent by certified mail.

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.

P.O. Box 469
Questa, NM 87556-0469
Phone: (505) 586-7639
Fax: 714-985-7410
E-mail: amarti@molycorp.com

1 - Permit/CD
2 - AO & AO mail
3 - DART's
4 - Via: Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

1 - Permit/CD
2 - AO & AO mail
3 - DART's
4 - Via: Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Thank you.

Molycorp, Inc.

Questa Division

P.O. Box 469

Questa, NM 87556

Telephone (505) 586-7637

Facsimile (505) 586-0811

Molycorp

Roy Torres
Operations Manager

January 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: Administrative Order Docket Number CWA-06-2005-1750
NPDES Permit Number NM0022306
Molycorp Inc. Questa, NM

Dear Ms. Strickley:

This letter is intended to serve as the written report required under Section B of the Administrative Order cited above, in relation to the Mill yard stormwater catchment pond incident which occurred on September 28 and 29, 2004. As described below, Molycorp completed all necessary corrective actions related to this incident by October 1, 2004. The measures Molycorp put in place in response to this incident are sufficient to prevent recurrence of this or similar incidents. Therefore, no additional corrective action is warranted at this time.

Background

Molycorp operates permitted Outfall 005 under NPDES permit NM0022306. This outfall is located downstream of the Mill yard stormwater catchment pond (catchment pond), which collects stormwater from the mill and crusher areas at Molycorp's Questa mine site. The stormwater that is collected in the catchment pond is pumped from the pond for use as make-up water in the Questa mill. This practice has historically prevented any stormwater discharges from Outfall 005, while putting the stormwater itself to a beneficial use.

On September 28, 2004, Molycorp was in the process of upgrading and improving the system used to transfer stormwater from the catchment pond. Specifically, work was ongoing to install two dedicated 4" fused HDPE pipelines

Waudelle Strickley
January 14, 2005
Page 2 of 7

and two dedicated pumps in the catchment pond, along with an automated pump control system. To facilitate these improvements, Molycorp established a temporary system to continue to allow catchment pond stormwater to be pumped to the mill while at the same time allowing construction of the improved system as well as other construction projects in the area to proceed. The temporary system was used during a storm event on September 20, 2004 between the hours of 2:05 AM and 7:00 AM without incident.

On September 28, 2004, the temporary stormwater catchment system consisted of a 30 horsepower submersible pump, connected to a 500' section of 2" pipeline. This pipeline was in turn connected to a 500' section of 4" pipeline. Connecting hardware to join the 2" to 4" pipelines was not available at the time the temporary system was constructed, so the 2" pipeline was inserted into the 4" pipeline at a point sufficiently elevated between the catchment pond and the mill to allow the pipeline to function during storm events. The connection between the two pipes was contained by a berm so that any minor leakage from the connection was expected to remain on Molycorp's property and not enter the Red River. The pipeline in the area of the connection was relocated to the top of the berm to avoid damage by construction equipment operating in the area. This was intended as a short-term arrangement while the facility was awaiting delivery of the permanent 4" pipeline.

Incident

The incident itself is described in Molycorp's October 4, 2004 5-day report to EPA, and that is cited in Section 8 of the Administrative Order. Basically, the pipeline separated at the connection during a period of significant rainfall when stormwater collected in the catchment pond was being pumped to the mill. The separation was not discovered in sufficient time to prevent the stormwater from reaching the Red River. The location of the release, and the path that the stormwater followed to reach the Red River is depicted on the attached figure. The stormwater traveled south from the point of release 44 ft down a 34° slope, then 26 ft down an 11° slope to a point where it exited the Molycorp property traveling 12 ft into the barrow ditch of State Road 38. The stormwater then traveled west 132 ft down the barrow ditch to a culvert crossing under the roadway for a distance of 67 ft southwest where it traveled another 13 ft into the Red River.

Molycorp calculated its estimate of the worst case volume of stormwater potentially discharged to the Red River using the pump curve for the 30 horsepower pump, existing pipeline sizes, pipeline length, estimated friction losses in the pipe, elevation changes between the pump and the discharge point, as well as other standard engineering assumptions related to fluid flow. The calculated flow rate in the pipeline during the incident was 140 gpm over a duration of 675 minutes. This yields a maximum potential discharge of 94,500 gallons of stormwater.

Waudelle Strickley
January 14, 2005
Page 3 of 7

The pH of the stormwater in the catchment pond on the morning of September 29 was tested and found to be 6.98. A sample of the stormwater was taken and analyzed by an outside lab. The results of the analysis were provided to EPA in Molycorp's October 27, 2004 report.

Flow in the Red River downstream of the facility as measured by a USGS gauge indicates a daily mean flow rate of 22 cubic feet per second (CFS) on September 28 and 29 CFS on September 29. Based on this data, the average flow in the Red River at the time of the incident was 25.5 CFS (11,500 gpm). This higher than average river flow rate was the result of heavy rainfall in the area at the time of the incident. Thus, the maximum input from the Molycorp release was approximately 1.2% of the total river flow.

It should be noted that visual observations of the Red River on the morning of September 28 indicated a high sediment load in the Red River. This typically occurs during storm events. The conductivity of the stormwater in the catchment pond was measured in the field on September 29 and found to be 369 uS/cm. Historical measurements of conductivity in the Red River have been collected during previous storm events by URS Corporation. In July 2003, 0.65 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 800 and 1000 uS/cm at a monitoring location upstream of Molycorp's facilities. In September 2003, 0.80 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 400 and 600 uS/cm at the same monitoring location upstream of Molycorp's facilities. As a result of these observations, the water quality of the sampled stormwater in the catchment pond when compared with river water quality and the release amount as a percentage of total river flow, there is no reason to believe that the incident resulted in any adverse impact to the Red River.

Corrective Actions

1. Short Term Responses

Immediately following discovery of the incident, the temporary pipeline was shut down and the alternate pipeline was activated to transfer the remaining stormwater from the catchment pond to the mill. On September 30, 2004, the permanent 4" pipeline was received at the facility, and this pipeline was installed in place of the 2" pipeline on October 1, 2004. The 2" pipeline section was removed from service. Both of the completed 4" pipelines were subsequently buried to prevent freezing and incidental damage. A picture of the location where the pipeline separation occurred and where the two 4" pipelines are currently buried is attached. The permanent pipelines have functioned without incident since they were installed. One of the 4" pipelines is connected to a 30 horsepower submersible pump, and the second pipeline is connected to a 13

Waudelle Strickley
January 14, 2005
Page 4 of 7

horsepower submersible pump. The pumps are located adjacent to each other in the catchment pond.

In addition to replacing the pipeline, Molycorp installed an automated control system in the catchment pond. The system consists of float valves that control the operation of both pumps. This system starts the pumps automatically in response to rising water levels (i.e. a storm event) and subsequently shuts the pumps off when the pond level returns to normal. This system has replaced the system that was in place at the time of the incident, which involved a manual check of the pond level by security personnel, and manual operation of the pumps.

2. Longer Term Responses

The overall management system for the pumps and pipelines has also been improved as a result of this incident.

Security personnel at the facility have been assigned the responsibility of checking for pump operation as part of their normal security rounds during storm events, as well as verifying that the 4" pipelines are delivering the pumped stormwater to the mill facility as intended. Additional training was provided to security personnel after this event to ensure that the checks done on the catchment pond system are rigorous and there are specific response procedures to ensure immediate reaction to problems once discovered. Finally, additional security scan stations have been added to the area to increase surveillance and early detection of problems with the two 4" pipelines. The scan stations will also serve to provide electronic documentation of security patrols in the area.

Procurement procedures are being reviewed to minimize delays in obtaining equipment and parts for the stormwater management system, thereby reducing the risks posed by interim or temporary fixes like those encountered with the pipeline.

Molycorp believes that the measures described above are more than adequate to prevent a recurrence of this type of incident. Should you have any questions or concerns regarding this report or require additional information, please contact me at (760) 856-7656.

Sincerely,



Roy Torres

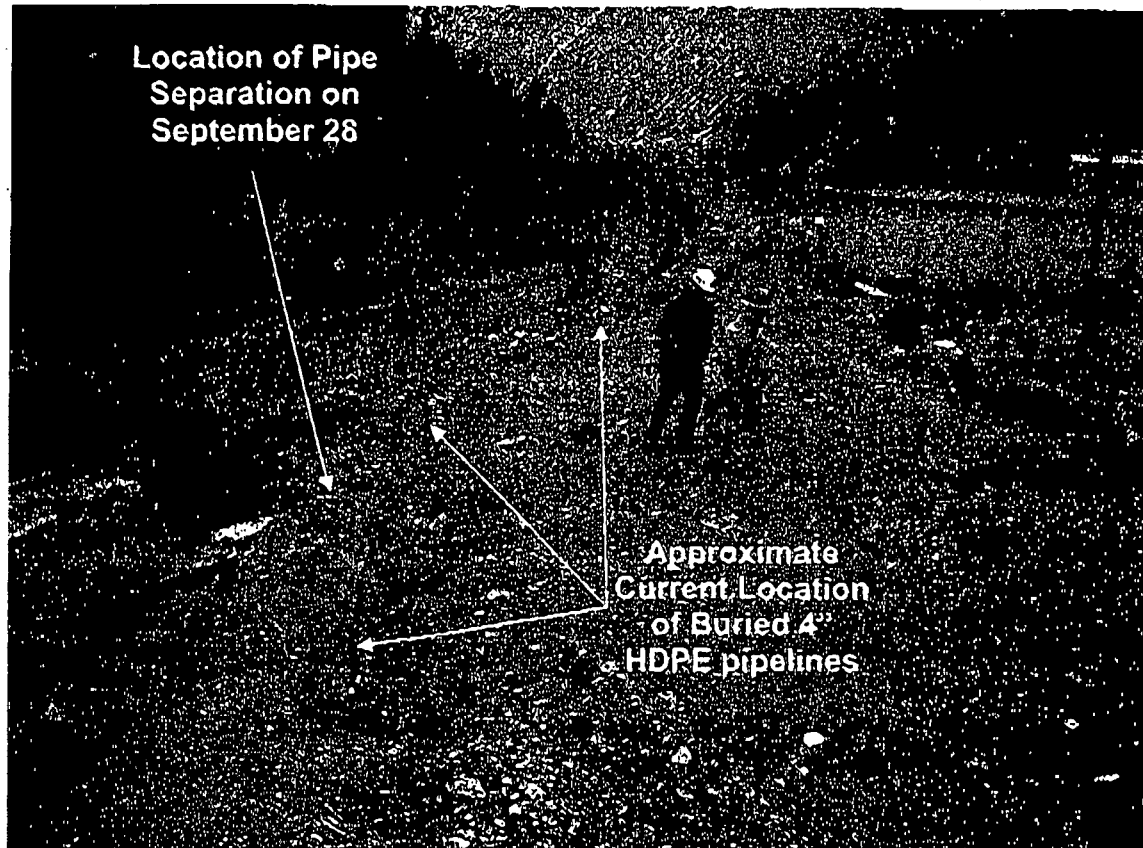
Waudelle Strickley
January 14, 2005
Page 5 of 7

C: Marcy Leavitt, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Bob Murphy, EPA Region 6
Everett Spencer, EPA Region 6
Gerald Fontenot, EPA Region 6
R. Torres, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

Waudelle Strickley
January 14, 2005
Page 7 of 7

Photograph taken January 11, 2005

Location of Pipeline Separation on September 28, 2004
Current location of Two Buried 4" fused HDPE Pipelines



Molycorp, Inc.
P.O. Box 469
3.5 Miles East of Questa on State Road 38
Questa, NM 87556-0469
Telephone: (505) 586-0212
Facsimile: (714) 985-7410

MOLYCORP, INC.
Questa Division

Fax

To:	Mr. Everett Spencer	From:	Armando Martinez
Fax:	(214) 665-2168	Pages:	8 including cover
Phone:	(214) 665-8060	Date:	1/14/2005
Re:	Administrative Order Docket Number CWA-06-2005-1750	CC:	

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

● **Comments:**

Dear Mr. Spencer,

Please find attached a letter regarding Administrative Order Docket Number CWA-06-2005-1750 NPDES Permit Number NM0022306. A hard copy has been sent by certified mail.

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556-0469
☎ Phone: (505) 586-7639
☎ Fax: 714-985-7410
✉ e-mail: amarti@molycorp.com

This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Thank you.

Molycorp, Inc.

Questa Division

P.O. Box 468

Questa, NM 87558

Telephone (505) 586-7837

Facsimile (506) 586-0811

Molycorp

Roy Torres
Operations Manager

January 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: Administrative Order Docket Number CWA-06-2005-1750
NPDES Permit Number NM0022306
Molycorp Inc. Questa, NM

Dear Ms. Strickley:

This letter is intended to serve as the written report required under Section B of the Administrative Order cited above, in relation to the Mill yard stormwater catchment pond incident which occurred on September 28 and 29, 2004. As described below, Molycorp completed all necessary corrective actions related to this incident by October 1, 2004. The measures Molycorp put in place in response to this incident are sufficient to prevent recurrence of this or similar incidents. Therefore, no additional corrective action is warranted at this time.

Background

Molycorp operates permitted Outfall 005 under NPDES permit NM0022306. This outfall is located downstream of the Mill yard stormwater catchment pond (catchment pond), which collects stormwater from the mill and crusher areas at Molycorp's Questa mine site. The stormwater that is collected in the catchment pond is pumped from the pond for use as make-up water in the Questa mill. This practice has historically prevented any stormwater discharges from Outfall 005, while putting the stormwater itself to a beneficial use.

On September 28, 2004, Molycorp was in the process of upgrading and improving the system used to transfer stormwater from the catchment pond. Specifically, work was ongoing to install two dedicated 4" fused HDPE pipelines

Waudelle Strickley
January 14, 2005
Page 2 of 7

and two dedicated pumps in the catchment pond, along with an automated pump control system. To facilitate these improvements, Molycorp established a temporary system to continue to allow catchment pond stormwater to be pumped to the mill while at the same time allowing construction of the improved system as well as other construction projects in the area to proceed. The temporary system was used during a storm event on September 20, 2004 between the hours of 2:05 AM and 7:00 AM without incident.

On September 28, 2004, the temporary stormwater catchment system consisted of a 30 horsepower submersible pump, connected to a 500' section of 2" pipeline. This pipeline was in turn connected to a 500' section of 4" pipeline. Connecting hardware to join the 2" to 4" pipelines was not available at the time the temporary system was constructed, so the 2" pipeline was inserted into the 4" pipeline at a point sufficiently elevated between the catchment pond and the mill to allow the pipeline to function during storm events. The connection between the two pipes was contained by a berm so that any minor leakage from the connection was expected to remain on Molycorp's property and not enter the Red River. The pipeline in the area of the connection was relocated to the top of the berm to avoid damage by construction equipment operating in the area. This was intended as a short-term arrangement while the facility was awaiting delivery of the permanent 4" pipeline.

Incident

The incident itself is described in Molycorp's October 4, 2004 5-day report to EPA, and that is cited in Section 8 of the Administrative Order. Basically, the pipeline separated at the connection during a period of significant rainfall when stormwater collected in the catchment pond was being pumped to the mill. The separation was not discovered in sufficient time to prevent the stormwater from reaching the Red River. The location of the release, and the path that the stormwater followed to reach the Red River is depicted on the attached figure. The stormwater traveled south from the point of release 44 ft down a 34° slope, then 26 ft down an 11° slope to a point where it exited the Molycorp property traveling 12 ft into the barrow ditch of State Road 38. The stormwater then traveled west 132 ft down the barrow ditch to a culvert crossing under the roadway for a distance of 67 ft southwest where it traveled another 13 ft into the Red River.

Molycorp calculated its estimate of the worst case volume of stormwater potentially discharged to the Red River using the pump curve for the 30 horsepower pump, existing pipeline sizes, pipeline length, estimated friction losses in the pipe, elevation changes between the pump and the discharge point, as well as other standard engineering assumptions related to fluid flow. The calculated flow rate in the pipeline during the incident was 140 gpm over a duration of 675 minutes. This yields a maximum potential discharge of 94,500 gallons of stormwater.

Waudelle Strickley
January 14, 2005
Page 3 of 7

The pH of the stormwater in the catchment pond on the morning of September 29 was tested and found to be 6.98. A sample of the stormwater was taken and analyzed by an outside lab. The results of the analysis were provided to EPA in Molycorp's October 27, 2004 report.

Flow in the Red River downstream of the facility as measured by a USGS gauge indicates a daily mean flow rate of 22 cubic feet per second (CFS) on September 28 and 29 CFS on September 29. Based on this data, the average flow in the Red River at the time of the incident was 25.5 CFS (11,500 gpm). This higher than average river flow rate was the result of heavy rainfall in the area at the time of the incident. Thus, the maximum input from the Molycorp release was approximately 1.2% of the total river flow.

It should be noted that visual observations of the Red River on the morning of September 28 indicated a high sediment load in the Red River. This typically occurs during storm events. The conductivity of the stormwater in the catchment pond was measured in the field on September 29 and found to be 369 uS/cm. Historical measurements of conductivity in the Red River have been collected during previous storm events by URS Corporation. In July 2003, 0.65 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 800 and 1000 uS/cm at a monitoring location upstream of Molycorp's facilities. In September 2003, 0.80 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 400 and 600 uS/cm at the same monitoring location upstream of Molycorp's facilities. As a result of these observations, the water quality of the sampled stormwater in the catchment pond when compared with river water quality and the release amount as a percentage of total river flow, there is no reason to believe that the incident resulted in any adverse impact to the Red River.

Corrective Actions

1. Short Term Responses

Immediately following discovery of the incident, the temporary pipeline was shut down and the alternate pipeline was activated to transfer the remaining stormwater from the catchment pond to the mill. On September 30, 2004, the permanent 4" pipeline was received at the facility, and this pipeline was installed in place of the 2" pipeline on October 1, 2004. The 2" pipeline section was removed from service. Both of the completed 4" pipelines were subsequently buried to prevent freezing and incidental damage. A picture of the location where the pipeline separation occurred and where the two 4" pipelines are currently buried is attached. The permanent pipelines have functioned without incident since they were installed. One of the 4" pipelines is connected to a 30 horsepower submersible pump, and the second pipeline is connected to a 13

Waudelle Strickley
January 14, 2005
Page 4 of 7

horsepower submersible pump. The pumps are located adjacent to each other in the catchment pond.

In addition to replacing the pipeline, Molycorp installed an automated control system in the catchment pond. The system consists of float valves that control the operation of both pumps. This system starts the pumps automatically in response to rising water levels (i.e. a storm event) and subsequently shuts the pumps off when the pond level returns to normal. This system has replaced the system that was in place at the time of the incident, which involved a manual check of the pond level by security personnel, and manual operation of the pumps.

2. Longer Term Responses

The overall management system for the pumps and pipelines has also been improved as a result of this incident.

Security personnel at the facility have been assigned the responsibility of checking for pump operation as part of their normal security rounds during storm events, as well as verifying that the 4" pipelines are delivering the pumped stormwater to the mill facility as intended. Additional training was provided to security personnel after this event to ensure that the checks done on the catchment pond system are rigorous and there are specific response procedures to ensure immediate reaction to problems once discovered. Finally, additional security scan stations have been added to the area to increase surveillance and early detection of problems with the two 4" pipelines. The scan stations will also serve to provide electronic documentation of security patrols in the area.

Procurement procedures are being reviewed to minimize delays in obtaining equipment and parts for the stormwater management system, thereby reducing the risks posed by interim or temporary fixes like those encountered with the pipeline.

Molycorp believes that the measures described above are more than adequate to prevent a recurrence of this type of incident. Should you have any questions or concerns regarding this report or require additional information, please contact me at (760) 856-7656.

Sincerely,



Roy Torres

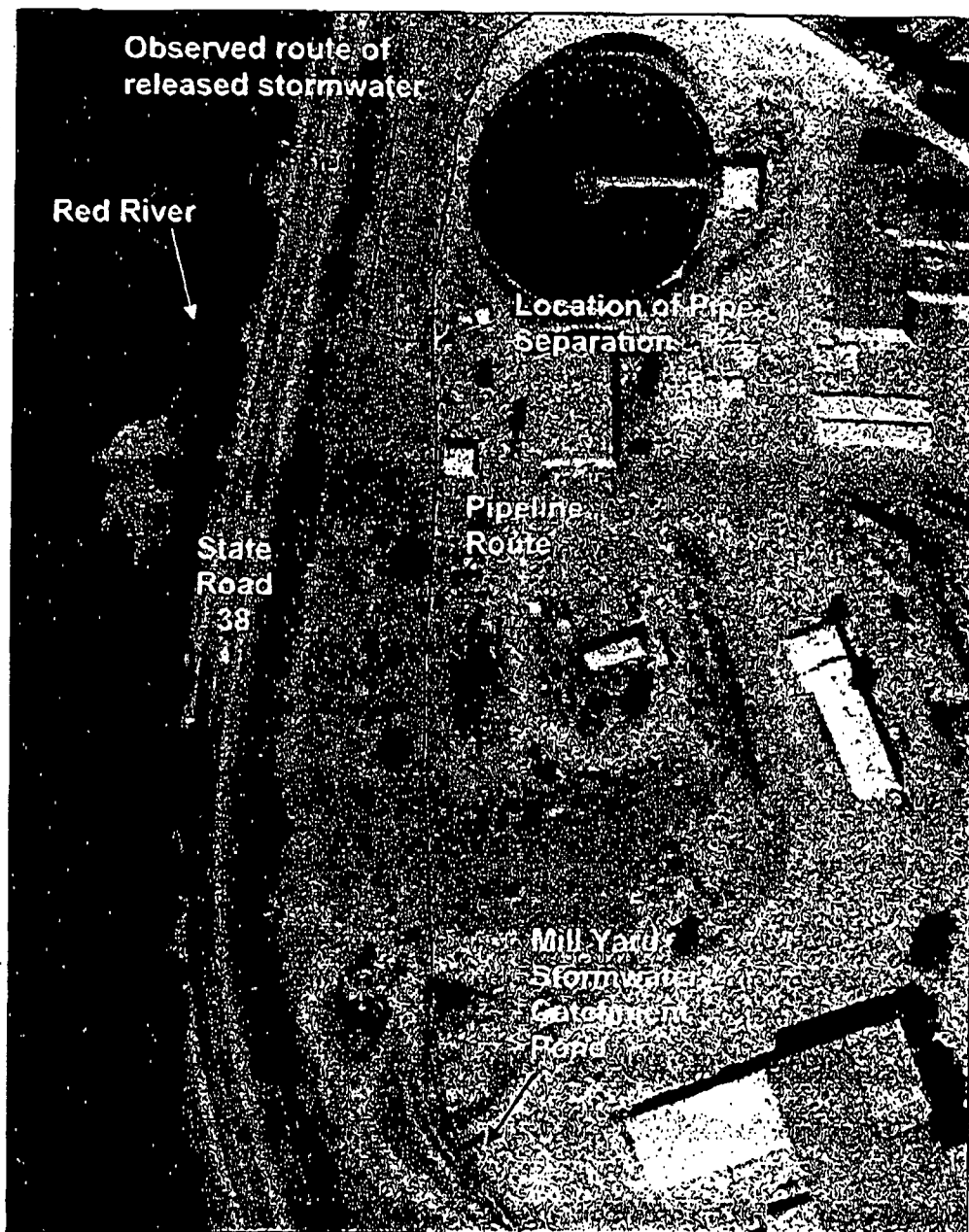
Waudelle Strickley

January 14, 2005

Page 5 of 7

C: Marcy Leavitt, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Bob Murphy, EPA Region 6
Everett Spencer, EPA Region 6
Gerald Fontenot, EPA Region 6
R. Torres, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

Waudelle Strickley
January 14, 2005
Page 6 of 7

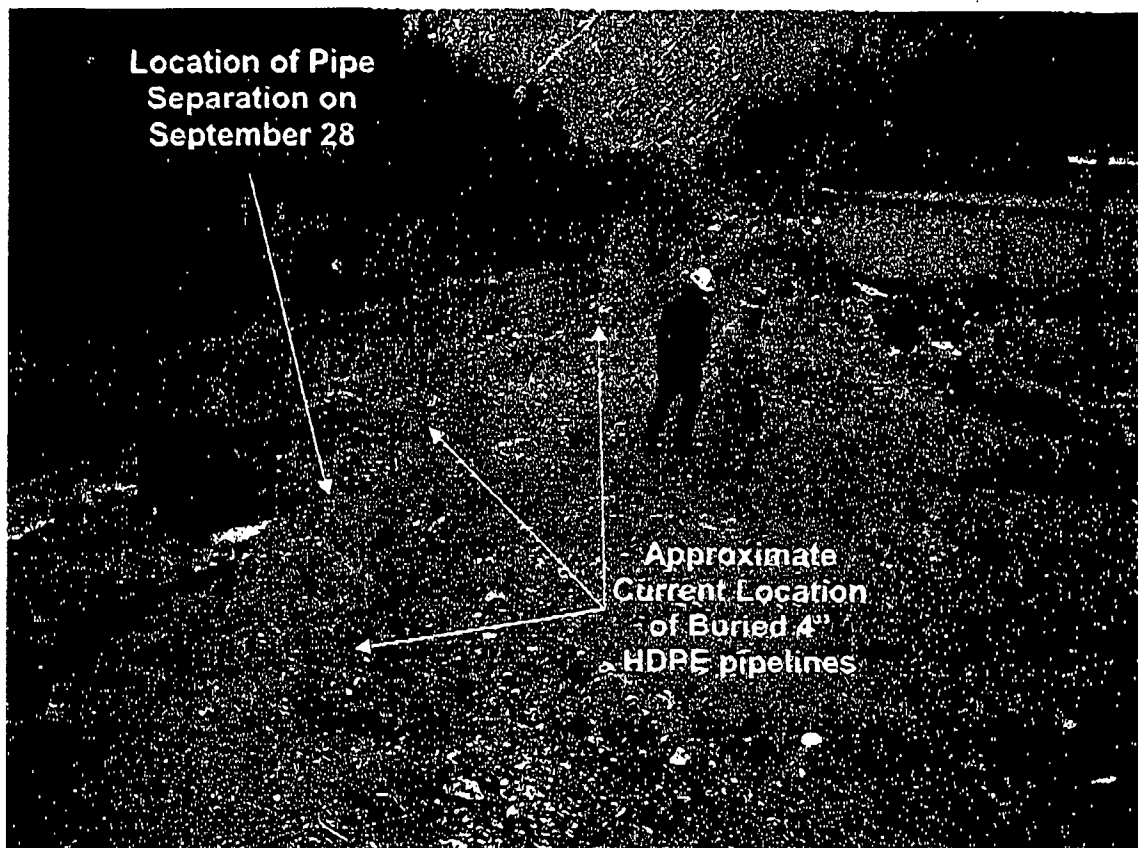


REVISIONS	1	Complete	Drawn By:	Drawn By:	MolyCorp Questa Mine	SCALE: 100 Scale
	2		Checked By:	Checked By:	Questa Mill Site	Dwg No.:
	3		Approved:	Approved:	MS Pump Discharge Pipe Area	Decline Shop.dwg
	4					Cad File:
MOLYCORP QUESTA DIVISION Questa, New Mexico					Spertling Computer	

Waudelle Strickley
January 14, 2005
Page 7 of 7

Photograph taken January 11, 2005

Location of Pipeline Separation on September 28, 2004
Current location of Two Buried 4" fused HDPE Pipelines



Molycorp, Inc.
P.O. Box 469
3.5 Miles East of Questa on State Road 38
Questa, NM 87556-0469
Telephone: (505) 586-0212
Facsimile: (714) 985-7410

MOLYCORP, INC.
Questa Division

Fax

To: Mr. Taylor M. Sharpe

From: Armando Martinez

Fax: (214) 665-2168

Pages: 8 including cover

Phone: (214) 665-7112

Date: 1/14/2005

Re: Administrative Order Docket Number
CWA-06-2005-1750

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• **Comments:**

Dear Mr. Sharpe,

Please find attached a letter regarding Administrative Order Docket Number CWA-06-2005-1750 NPDES Permit Number NM0022306. A hard copy has been sent by certified mail.

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556-0469
☎ Phone: (505) 586-7639
☎ Fax: 714-985-7410
✉ e-mail: amarti@molycorp.com

This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Thank you.

Molycorp, Inc.

Questa Division

P.O. Box 469

Questa, NM 87566

Telephone (505) 586-7837

Facsimile (505) 586-0811

Molycorp

Roy Torres
Operations Manager

January 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: Administrative Order Docket Number CWA-06-2005-1750
NPDES Permit Number NM0022306
Molycorp Inc. Questa, NM

Dear Ms. Strickley:

This letter is intended to serve as the written report required under Section B of the Administrative Order cited above, in relation to the Mill yard stormwater catchment pond incident which occurred on September 28 and 29, 2004. As described below, Molycorp completed all necessary corrective actions related to this incident by October 1, 2004. The measures Molycorp put in place in response to this incident are sufficient to prevent recurrence of this or similar incidents. Therefore, no additional corrective action is warranted at this time.

Background

Molycorp operates permitted Outfall 005 under NPDES permit NM0022306. This outfall is located downstream of the Mill yard stormwater catchment pond (catchment pond), which collects stormwater from the mill and crusher areas at Molycorp's Questa mine site. The stormwater that is collected in the catchment pond is pumped from the pond for use as make-up water in the Questa mill. This practice has historically prevented any stormwater discharges from Outfall 005, while putting the stormwater itself to a beneficial use.

On September 28, 2004, Molycorp was in the process of upgrading and improving the system used to transfer stormwater from the catchment pond. Specifically, work was ongoing to install two dedicated 4" fused HDPE pipelines

Waudelle Strickley
January 14, 2005
Page 2 of 7

and two dedicated pumps in the catchment pond, along with an automated pump control system. To facilitate these improvements, Molycorp established a temporary system to continue to allow catchment pond stormwater to be pumped to the mill while at the same time allowing construction of the improved system as well as other construction projects in the area to proceed. The temporary system was used during a storm event on September 20, 2004 between the hours of 2:05 AM and 7:00 AM without incident.

On September 28, 2004, the temporary stormwater catchment system consisted of a 30 horsepower submersible pump, connected to a 500' section of 2" pipeline. This pipeline was in turn connected to a 500' section of 4" pipeline. Connecting hardware to join the 2" to 4" pipelines was not available at the time the temporary system was constructed, so the 2" pipeline was inserted into the 4" pipeline at a point sufficiently elevated between the catchment pond and the mill to allow the pipeline to function during storm events. The connection between the two pipes was contained by a berm so that any minor leakage from the connection was expected to remain on Molycorp's property and not enter the Red River. The pipeline in the area of the connection was relocated to the top of the berm to avoid damage by construction equipment operating in the area. This was intended as a short-term arrangement while the facility was awaiting delivery of the permanent 4" pipeline.

Incident

The incident itself is described in Molycorp's October 4, 2004 5-day report to EPA, and that is cited in Section 8 of the Administrative Order. Basically, the pipeline separated at the connection during a period of significant rainfall when stormwater collected in the catchment pond was being pumped to the mill. The separation was not discovered in sufficient time to prevent the stormwater from reaching the Red River. The location of the release, and the path that the stormwater followed to reach the Red River is depicted on the attached figure. The stormwater traveled south from the point of release 44 ft down a 34° slope, then 26 ft down an 11° slope to a point where it exited the Molycorp property traveling 12 ft into the barrow ditch of State Road 38. The stormwater then traveled west 132 ft down the barrow ditch to a culvert crossing under the roadway for a distance of 67 ft southwest where it traveled another 13 ft into the Red River.

Molycorp calculated its estimate of the worst case volume of stormwater potentially discharged to the Red River using the pump curve for the 30 horsepower pump, existing pipeline sizes, pipeline length, estimated friction losses in the pipe, elevation changes between the pump and the discharge point, as well as other standard engineering assumptions related to fluid flow. The calculated flow rate in the pipeline during the incident was 140 gpm over a duration of 675 minutes. This yields a maximum potential discharge of 94,500 gallons of stormwater.

Waudelle Strickley
January 14, 2005
Page 3 of 7

The pH of the stormwater in the catchment pond on the morning of September 29 was tested and found to be 6.98. A sample of the stormwater was taken and analyzed by an outside lab. The results of the analysis were provided to EPA in Molycorp's October 27, 2004 report.

Flow in the Red River downstream of the facility as measured by a USGS gauge indicates a daily mean flow rate of 22 cubic feet per second (CFS) on September 28 and 29 CFS on September 29. Based on this data, the average flow in the Red River at the time of the incident was 25.5 CFS (11,500 gpm). This higher than average river flow rate was the result of heavy rainfall in the area at the time of the incident. Thus, the maximum input from the Molycorp release was approximately 1.2% of the total river flow.

It should be noted that visual observations of the Red River on the morning of September 28 indicated a high sediment load in the Red River. This typically occurs during storm events. The conductivity of the stormwater in the catchment pond was measured in the field on September 29 and found to be 369 uS/cm. Historical measurements of conductivity in the Red River have been collected during previous storm events by URS Corporation. In July 2003, 0.65 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 800 and 1000 uS/cm at a monitoring location upstream of Molycorp's facilities. In September 2003, 0.80 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 400 and 600 uS/cm at the same monitoring location upstream of Molycorp's facilities. As a result of these observations, the water quality of the sampled stormwater in the catchment pond when compared with river water quality and the release amount as a percentage of total river flow, there is no reason to believe that the incident resulted in any adverse impact to the Red River.

Corrective Actions

1. Short Term Responses

Immediately following discovery of the incident, the temporary pipeline was shut down and the alternate pipeline was activated to transfer the remaining stormwater from the catchment pond to the mill. On September 30, 2004, the permanent 4" pipeline was received at the facility, and this pipeline was installed in place of the 2" pipeline on October 1, 2004. The 2" pipeline section was removed from service. Both of the completed 4" pipelines were subsequently buried to prevent freezing and incidental damage. A picture of the location where the pipeline separation occurred and where the two 4" pipelines are currently buried is attached. The permanent pipelines have functioned without incident since they were installed. One of the 4" pipelines is connected to a 30 horsepower submersible pump, and the second pipeline is connected to a 13

Waudelle Strickley --
January 14, 2005
Page 4 of 7

horsepower submersible pump. The pumps are located adjacent to each other in the catchment pond.

In addition to replacing the pipeline, Molycorp installed an automated control system in the catchment pond. The system consists of float valves that control the operation of both pumps. This system starts the pumps automatically in response to rising water levels (i.e. a storm event) and subsequently shuts the pumps off when the pond level returns to normal. This system has replaced the system that was in place at the time of the incident, which involved a manual check of the pond level by security personnel, and manual operation of the pumps.

2. Longer Term Responses

The overall management system for the pumps and pipelines has also been improved as a result of this incident.

Security personnel at the facility have been assigned the responsibility of checking for pump operation as part of their normal security rounds during storm events, as well as verifying that the 4" pipelines are delivering the pumped stormwater to the mill facility as intended. Additional training was provided to security personnel after this event to ensure that the checks done on the catchment pond system are rigorous and there are specific response procedures to ensure immediate reaction to problems once discovered. Finally, additional security scan stations have been added to the area to increase surveillance and early detection of problems with the two 4" pipelines. The scan stations will also serve to provide electronic documentation of security patrols in the area.

Procurement procedures are being reviewed to minimize delays in obtaining equipment and parts for the stormwater management system, thereby reducing the risks posed by interim or temporary fixes like those encountered with the pipeline.

Molycorp believes that the measures described above are more than adequate to prevent a recurrence of this type of incident. Should you have any questions or concerns regarding this report or require additional information, please contact me at (760) 856-7656.

Sincerely,

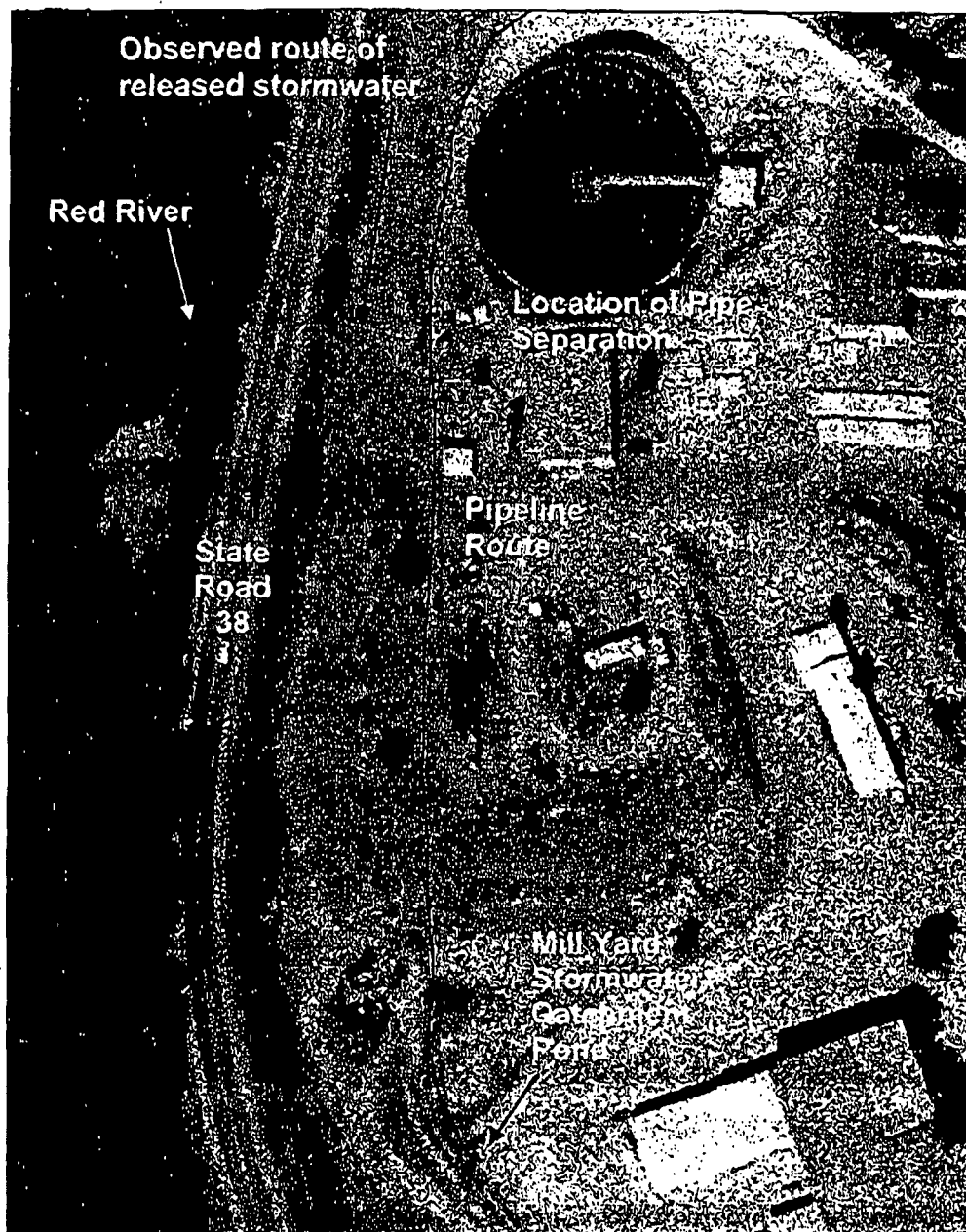


Roy Torres

Waudelle Strickley
January 14, 2005
Page 5 of 7

C: Marcy Leavitt, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Bob Murphy, EPA Region 6
Everett Spencer, EPA Region 6
Gerald Fontenot, EPA Region 6
R. Torres, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

Waudelle Strickley
January 14, 2005
Page 6 of 7

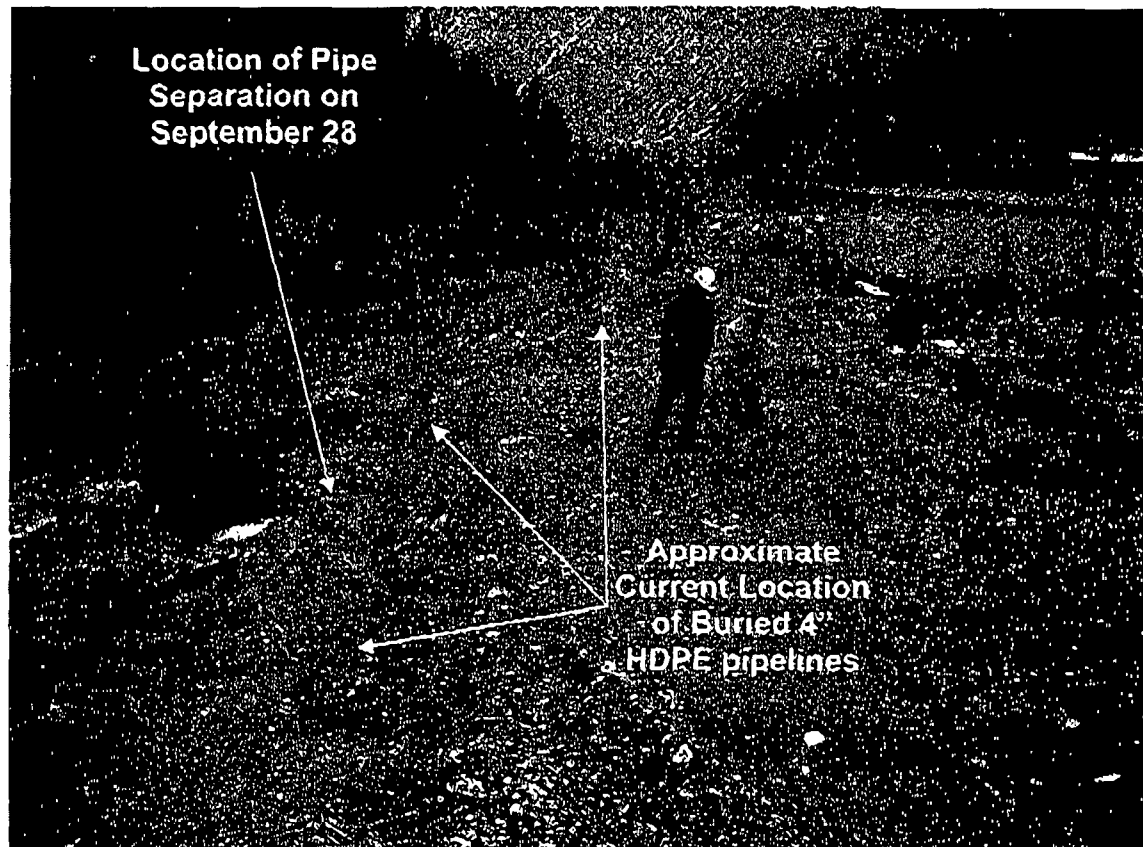


REVISIONS	Quantity	Quota	MOLYCORP QUESTA DIVISION Questa, New Mexico	MolyCorp Questa Mine	SC-41 1110 Single
	Control No.	Control No.		Questa Mill Site	Dwg No.
	Approved:	Approved:		005 Pump Discharge Pipe Arch	Ductile Shop, etc.
					Cad File
					Spooling Computer

Waudelle Strickley
January 14, 2005
Page 7 of 7

Photograph taken January 11, 2005

Location of Pipeline Separation on September 28, 2004
Current location of Two Buried 4" fused HDPE Pipelines



Received 1/26/05

Molycorp, Inc.

Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7637
Facsimile (505) 586-0811

Molycorp

Roy Torres
Operations Manager

January 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

1 - Permit/CD
2 - AD & AD mail
3 - DMR's
4 - Via. Sum. Log
5 - MCR
6 - Correspondence
7 - CRAS
1 Date Filed
1 Clerk's initials

RE: Administrative Order Docket Number CWA-06-2005-1750
NPDES Permit Number NM0022306
Molycorp Inc. Questa, NM

Dear Ms. Strickley:

This letter is intended to serve as the written report required under Section B of the Administrative Order cited above, in relation to the Mill yard stormwater catchment pond incident which occurred on September 28 and 29, 2004. As described below, Molycorp completed all necessary corrective actions related to this incident by October 1, 2004. The measures Molycorp put in place in response to this incident are sufficient to prevent recurrence of this or similar incidents. Therefore, no additional corrective action is warranted at this time.

Background

Molycorp operates permitted Outfall 005 under NPDES permit NM0022306. This outfall is located downstream of the Mill yard stormwater catchment pond (catchment pond), which collects stormwater from the mill and crusher areas at Molycorp's Questa mine site. The stormwater that is collected in the catchment pond is pumped from the pond for use as make-up water in the Questa mill. This practice has historically prevented any stormwater discharges from Outfall 005, while putting the stormwater itself to a beneficial use.

On September 28, 2004, Molycorp was in the process of upgrading and improving the system used to transfer stormwater from the catchment pond. Specifically, work was ongoing to install two dedicated 4" fused HDPE pipelines

Waudelle Strickley
January 14, 2005
Page 2 of 7

and two dedicated pumps in the catchment pond, along with an automated pump control system. To facilitate these improvements, Molycorp established a temporary system to continue to allow catchment pond stormwater to be pumped to the mill while at the same time allowing construction of the improved system as well as other construction projects in the area to proceed. The temporary system was used during a storm event on September 20, 2004 between the hours of 2:05 AM and 7:00 AM without incident.

On September 28, 2004, the temporary stormwater catchment system consisted of a 30 horsepower submersible pump, connected to a 500' section of 2" pipeline. This pipeline was in turn connected to a 500' section of 4" pipeline. Connecting hardware to join the 2" to 4" pipelines was not available at the time the temporary system was constructed, so the 2" pipeline was inserted into the 4" pipeline at a point sufficiently elevated between the catchment pond and the mill to allow the pipeline to function during storm events. The connection between the two pipes was contained by a berm so that any minor leakage from the connection was expected to remain on Molycorp's property and not enter the Red River. The pipeline in the area of the connection was relocated to the top of the berm to avoid damage by construction equipment operating in the area. This was intended as a short-term arrangement while the facility was awaiting delivery of the permanent 4" pipeline.

Incident

The incident itself is described in Molycorp's October 4, 2004 5-day report to EPA, and that is cited in Section 8 of the Administrative Order. Basically, the pipeline separated at the connection during a period of significant rainfall when stormwater collected in the catchment pond was being pumped to the mill. The separation was not discovered in sufficient time to prevent the stormwater from reaching the Red River. The location of the release, and the path that the stormwater followed to reach the Red River is depicted on the attached figure. The stormwater traveled south from the point of release 44 ft down a 34° slope, then 26 ft down an 11° slope to a point where it exited the Molycorp property traveling 12 ft into the barrow ditch of State Road 38. The stormwater then traveled west 132 ft down the barrow ditch to a culvert crossing under the roadway for a distance of 67 ft southwest where it traveled another 13 ft into the Red River.

Molycorp calculated its estimate of the worst case volume of stormwater potentially discharged to the Red River using the pump curve for the 30 horsepower pump, existing pipeline sizes, pipeline length, estimated friction losses in the pipe, elevation changes between the pump and the discharge point, as well as other standard engineering assumptions related to fluid flow. The calculated flow rate in the pipeline during the incident was 140 gpm over a duration of 675 minutes. This yields a maximum potential discharge of 94,500 gallons of stormwater.

Waudelle Strickley
January 14, 2005
Page 3 of 7

The pH of the stormwater in the catchment pond on the morning of September 29 was tested and found to be 6.98. A sample of the stormwater was taken and analyzed by an outside lab. The results of the analysis were provided to EPA in Molycorp's October 27, 2004 report.

Flow in the Red River downstream of the facility as measured by a USGS gauge indicates a daily mean flow rate of 22 cubic feet per second (CFS) on September 28 and 29 CFS on September 29. Based on this data, the average flow in the Red River at the time of the incident was 25.5 CFS (11,500 gpm). This higher than average river flow rate was the result of heavy rainfall in the area at the time of the incident. Thus, the maximum input from the Molycorp release was approximately 1.2% of the total river flow.

It should be noted that visual observations of the Red River on the morning of September 28 indicated a high sediment load in the Red River. This typically occurs during storm events. The conductivity of the stormwater in the catchment pond was measured in the field on September 29 and found to be 369 uS/cm. Historical measurements of conductivity in the Red River have been collected during previous storm events by URS Corporation. In July 2003, 0.65 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 800 and 1000 uS/cm at a monitoring location upstream of Molycorp's facilities. In September 2003, 0.80 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 400 and 600 uS/cm at the same monitoring location upstream of Molycorp's facilities. As a result of these observations, the water quality of the sampled stormwater in the catchment pond when compared with river water quality and the release amount as a percentage of total river flow, there is no reason to believe that the incident resulted in any adverse impact to the Red River.

Corrective Actions

1. Short Term Responses

Immediately following discovery of the incident, the temporary pipeline was shut down and the alternate pipeline was activated to transfer the remaining stormwater from the catchment pond to the mill. On September 30, 2004, the permanent 4" pipeline was received at the facility, and this pipeline was installed in place of the 2" pipeline on October 1, 2004. The 2" pipeline section was removed from service. Both of the completed 4" pipelines were subsequently buried to prevent freezing and incidental damage. A picture of the location where the pipeline separation occurred and where the two 4" pipelines are currently buried is attached. The permanent pipelines have functioned without incident since they were installed. One of the 4" pipelines is connected to a 30 horsepower submersible pump, and the second pipeline is connected to a 13

Waudelle Strickley
January 14, 2005
Page 4 of 7

horsepower submersible pump. The pumps are located adjacent to each other in the catchment pond.

In addition to replacing the pipeline, Molycorp installed an automated control system in the catchment pond. The system consists of float valves that control the operation of both pumps. This system starts the pumps automatically in response to rising water levels (i.e. a storm event) and subsequently shuts the pumps off when the pond level returns to normal. This system has replaced the system that was in place at the time of the incident, which involved a manual check of the pond level by security personnel, and manual operation of the pumps.

2. Longer Term Responses

The overall management system for the pumps and pipelines has also been improved as a result of this incident.

Security personnel at the facility have been assigned the responsibility of checking for pump operation as part of their normal security rounds during storm events, as well as verifying that the 4" pipelines are delivering the pumped stormwater to the mill facility as intended. Additional training was provided to security personnel after this event to ensure that the checks done on the catchment pond system are rigorous and there are specific response procedures to ensure immediate reaction to problems once discovered. Finally, additional security scan stations have been added to the area to increase surveillance and early detection of problems with the two 4" pipelines. The scan stations will also serve to provide electronic documentation of security patrols in the area.

Procurement procedures are being reviewed to minimize delays in obtaining equipment and parts for the stormwater management system, thereby reducing the risks posed by interim or temporary fixes like those encountered with the pipeline.

Molycorp believes that the measures described above are more than adequate to prevent a recurrence of this type of incident. Should you have any questions or concerns regarding this report or require additional information, please contact me at (760) 856-7656.

Sincerely,



Roy Torres

Jan-14-05 16:47

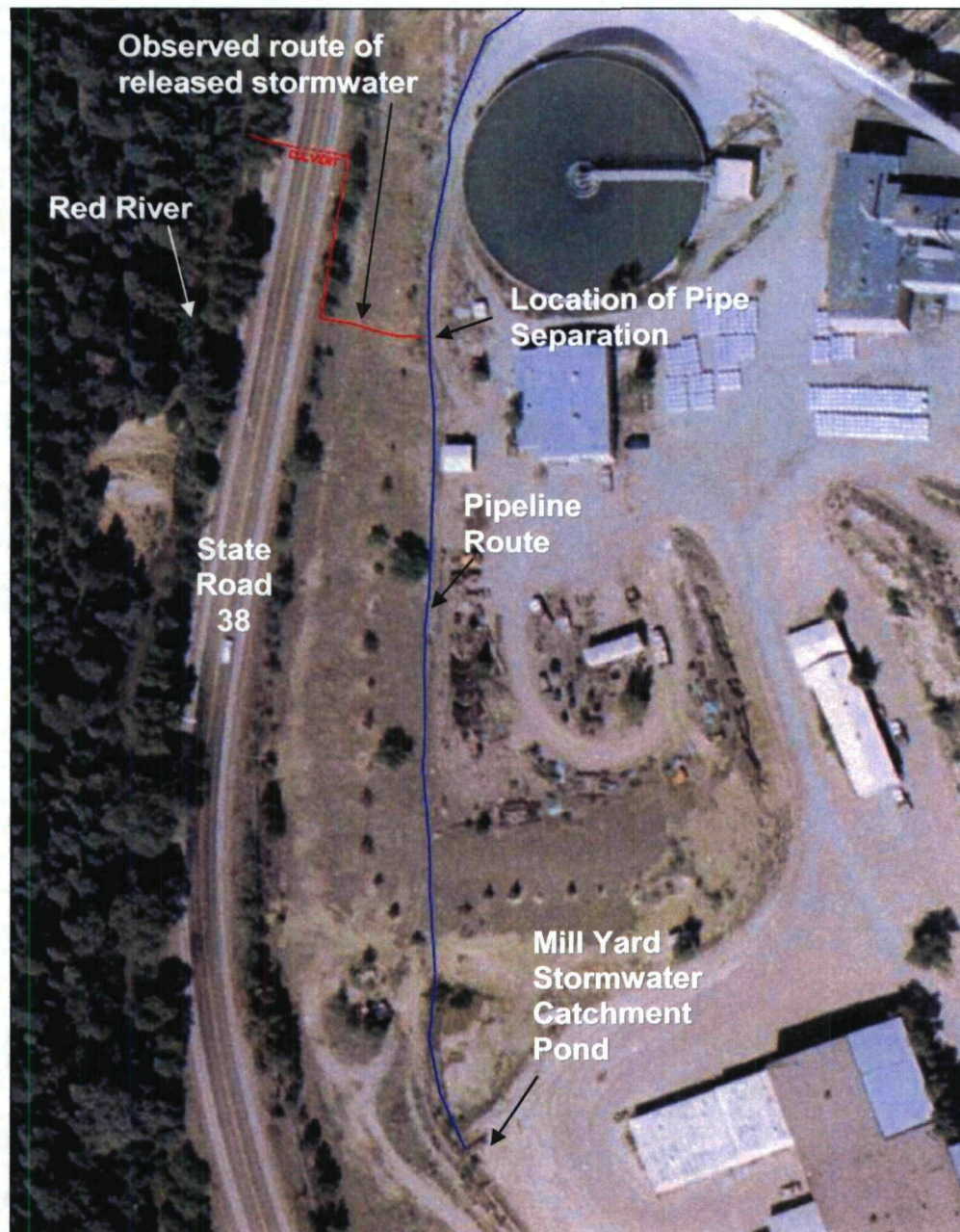
From-MOLYCORP

+5055860

T-619 P.05/10 F-216

Waudelle Strickley
January 14, 2005
Page 5 of 7

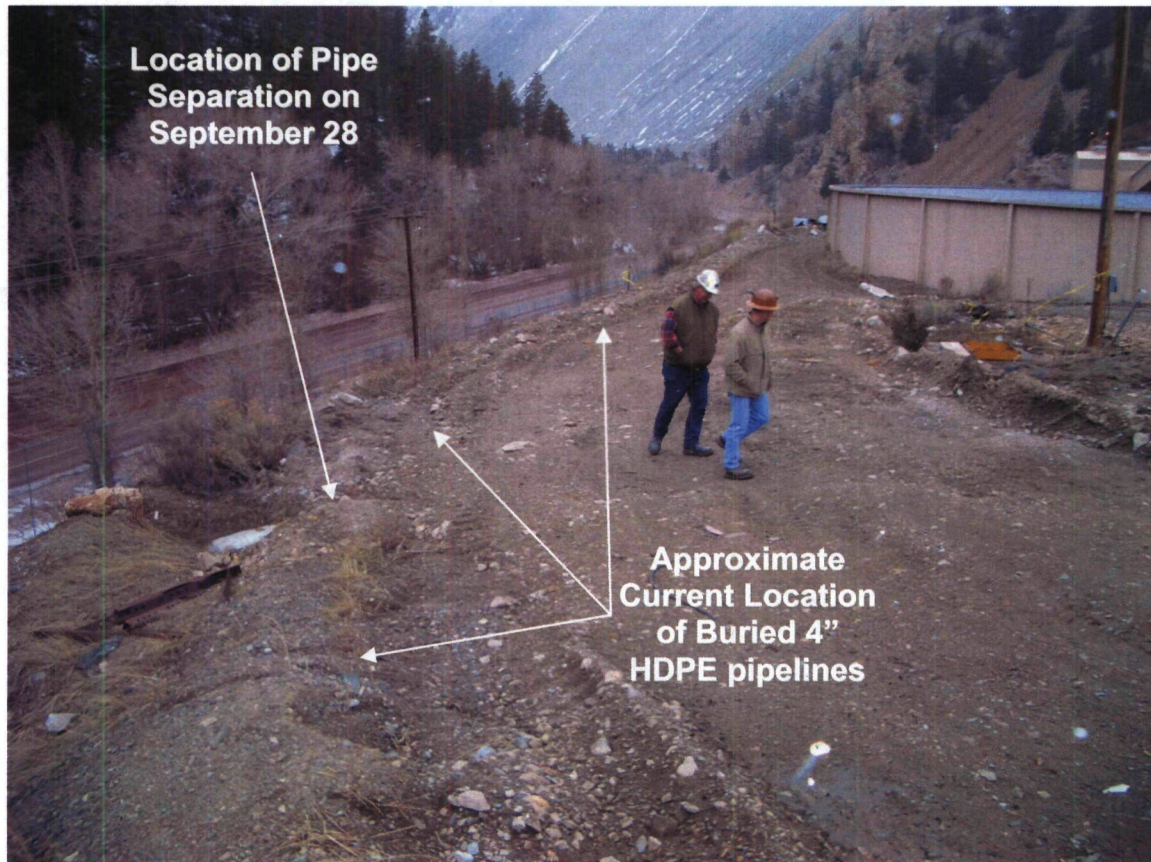
C: Marcy Leavitt, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Bob Murphy, EPA Region 6
Everett Spencer, EPA Region 6
Gerald Fontenot, EPA Region 6
R. Torres, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp



REVISIONS	1	Initial		Description	Drawn By:	CHK
	2				Checked By:	CHK
	3				Approved:	CHK
	4					
MOLYCORP QUESTA DIVISION Questa, New Mexico						MolyCorp Questa Mine Questa Mill Site 005 Pump Discharge Pipe Area SCALE: 100' Scale Dwg No.: Decline Shop.dwg Cad File: Sperling Computer

Photograph taken January 11, 2005

Location of Pipeline Separation on September 28, 2004
Current location of Two Buried 4" fused HDPE Pipelines



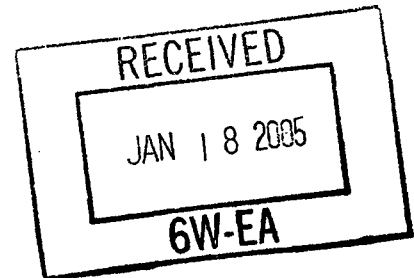
WS
Molycorp, Inc.
Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7637
Facsimile (505) 586-0811

Molycorp

Roy Torres
Operations Manager

January 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: Administrative Order Docket Number CWA-06-2005-1750
NPDES Permit Number NM0022306
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under Section B of the Administrative Order cited above, in relation to the Mill yard stormwater catchment pond incident which occurred on September 28 and 29, 2004. As described below, Molycorp completed all necessary corrective actions related to this incident by October 1, 2004. The measures Molycorp put in place in response to this incident are sufficient to prevent recurrence of this or similar incidents. Therefore, no additional corrective action is warranted at this time.

Background

Molycorp operates permitted Outfall 005 under NPDES permit NM0022306. This outfall is located downstream of the Mill yard stormwater catchment pond (catchment pond), which collects stormwater from the mill and crusher areas at Molycorp's Questa mine site. The stormwater that is collected in the catchment pond is pumped from the pond for use as make-up water in the Questa mill. This practice has historically prevented any stormwater discharges from Outfall 005, while putting the stormwater itself to a beneficial use.

On September 28, 2004, Molycorp was in the process of upgrading and improving the system used to transfer stormwater from the catchment pond. Specifically, work was ongoing to install two dedicated 4" fused HDPE pipelines

1 - Permit
2 - AO & AO mat
3 - OMA
4 - VIO
5 - NCR
6 - Correspondence
7 - CRA5
Date Filed
Clerk's Initials

FEB 2 2005

and two dedicated pumps in the catchment pond, along with an automated pump control system. To facilitate these improvements, Molycorp established a temporary system to continue to allow catchment pond stormwater to be pumped to the mill while at the same time allowing construction of the improved system as well as other construction projects in the area to proceed. The temporary system was used during a storm event on September 20, 2004 between the hours of 2:05 AM and 7:00 AM without incident.

On September 28, 2004, the temporary stormwater catchment system consisted of a 30 horsepower submersible pump, connected to a 500' section of 2" pipeline. This pipeline was in turn connected to a 500' section of 4" pipeline. Connecting hardware to join the 2" to 4" pipelines was not available at the time the temporary system was constructed, so the 2" pipeline was inserted into the 4" pipeline at a point sufficiently elevated between the catchment pond and the mill to allow the pipeline to function during storm events. The connection between the two pipes was contained by a berm so that any minor leakage from the connection was expected to remain on Molycorp's property and not enter the Red River. The pipeline in the area of the connection was relocated to the top of the berm to avoid damage by construction equipment operating in the area. This was intended as a short-term arrangement while the facility was awaiting delivery of the permanent 4" pipeline.

Incident

The incident itself is described in Molycorp's October 4, 2004 5-day report to EPA, and that is cited in Section 8 of the Administrative Order. Basically, the pipeline separated at the connection during a period of significant rainfall when stormwater collected in the catchment pond was being pumped to the mill. The separation was not discovered in sufficient time to prevent the stormwater from reaching the Red River. The location of the release, and the path that the stormwater followed to reach the Red River is depicted on the attached figure. The stormwater traveled south from the point of release 44 ft down a 34° slope, then 26 ft down an 11° slope to a point where it exited the Molycorp property traveling 12 ft into the barrow ditch of State Road 38. The stormwater then traveled west 132 ft down the barrow ditch to a culvert crossing under the roadway for a distance of 67 ft southwest where it traveled another 13 ft into the Red River.

Molycorp calculated its estimate of the worst case volume of stormwater potentially discharged to the Red River using the pump curve for the 30 horsepower pump, existing pipeline sizes, pipeline length, estimated friction losses in the pipe, elevation changes between the pump and the discharge point, as well as other standard engineering assumptions related to fluid flow. The calculated flow rate in the pipeline during the incident was 140 gpm over a duration of 675 minutes. This yields a maximum potential discharge of 94,500 gallons of stormwater.

The pH of the stormwater in the catchment pond on the morning of September 29 was tested and found to be 6.98. A sample of the stormwater was taken and analyzed by an outside lab. The results of the analysis were provided to EPA in Molycorp's October 27, 2004 report.

Flow in the Red River downstream of the facility as measured by a USGS gauge indicates a daily mean flow rate of 22 cubic feet per second (CFS) on September 28 and 29 CFS on September 29. Based on this data, the average flow in the Red River at the time of the incident was 25.5 CFS (11,500 gpm). This higher than average river flow rate was the result of heavy rainfall in the area at the time of the incident. Thus, the maximum input from the Molycorp release was approximately 1.2% of the total river flow.

It should be noted that visual observations of the Red River on the morning of September 28 indicated a high sediment load in the Red River. This typically occurs during storm events. The conductivity of the stormwater in the catchment pond was measured in the field on September 29 and found to be 369 uS/cm. Historical measurements of conductivity in the Red River have been collected during previous storm events by URS Corporation. In July 2003, 0.65 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 800 and 1000 uS/cm at a monitoring location upstream of Molycorp's facilities. In September 2003, 0.80 inches of precipitation were recorded at the site, and the conductivity in the Red River was found to be between 400 and 600 uS/cm at the same monitoring location upstream of Molycorp's facilities. As a result of these observations, the water quality of the sampled stormwater in the catchment pond when compared with river water quality and the release amount as a percentage of total river flow, there is no reason to believe that the incident resulted in any adverse impact to the Red River.

Corrective Actions

1. Short Term Responses

Immediately following discovery of the incident, the temporary pipeline was shut down and the alternate pipeline was activated to transfer the remaining stormwater from the catchment pond to the mill. On September 30, 2004, the permanent 4" pipeline was received at the facility, and this pipeline was installed in place of the 2" pipeline on October 1, 2004. The 2" pipeline section was removed from service. Both of the completed 4" pipelines were subsequently buried to prevent freezing and incidental damage. A picture of the location where the pipeline separation occurred and where the two 4" pipelines are currently buried is attached. The permanent pipelines have functioned without incident since they were installed. One of the 4" pipelines is connected to a 30 horsepower submersible pump, and the second pipeline is connected to a 13

horsepower submersible pump. The pumps are located adjacent to each other in the catchment pond.

In addition to replacing the pipeline, Molycorp installed an automated control system in the catchment pond. The system consists of float valves that control the operation of both pumps. This system starts the pumps automatically in response to rising water levels (i.e. a storm event) and subsequently shuts the pumps off when the pond level returns to normal. This system has replaced the system that was in place at the time of the incident, which involved a manual check of the pond level by security personnel, and manual operation of the pumps.

2. Longer Term Responses

The overall management system for the pumps and pipelines has also been improved as a result of this incident.

Security personnel at the facility have been assigned the responsibility of checking for pump operation as part of their normal security rounds during storm events, as well as verifying that the 4" pipelines are delivering the pumped stormwater to the mill facility as intended. Additional training was provided to security personnel after this event to ensure that the checks done on the catchment pond system are rigorous and there are specific response procedures to ensure immediate reaction to problems once discovered. Finally, additional security scan stations have been added to the area to increase surveillance and early detection of problems with the two 4" pipelines. The scan stations will also serve to provide electronic documentation of security patrols in the area.

Procurement procedures are being reviewed to minimize delays in obtaining equipment and parts for the stormwater management system, thereby reducing the risks posed by interim or temporary fixes like those encountered with the pipeline.

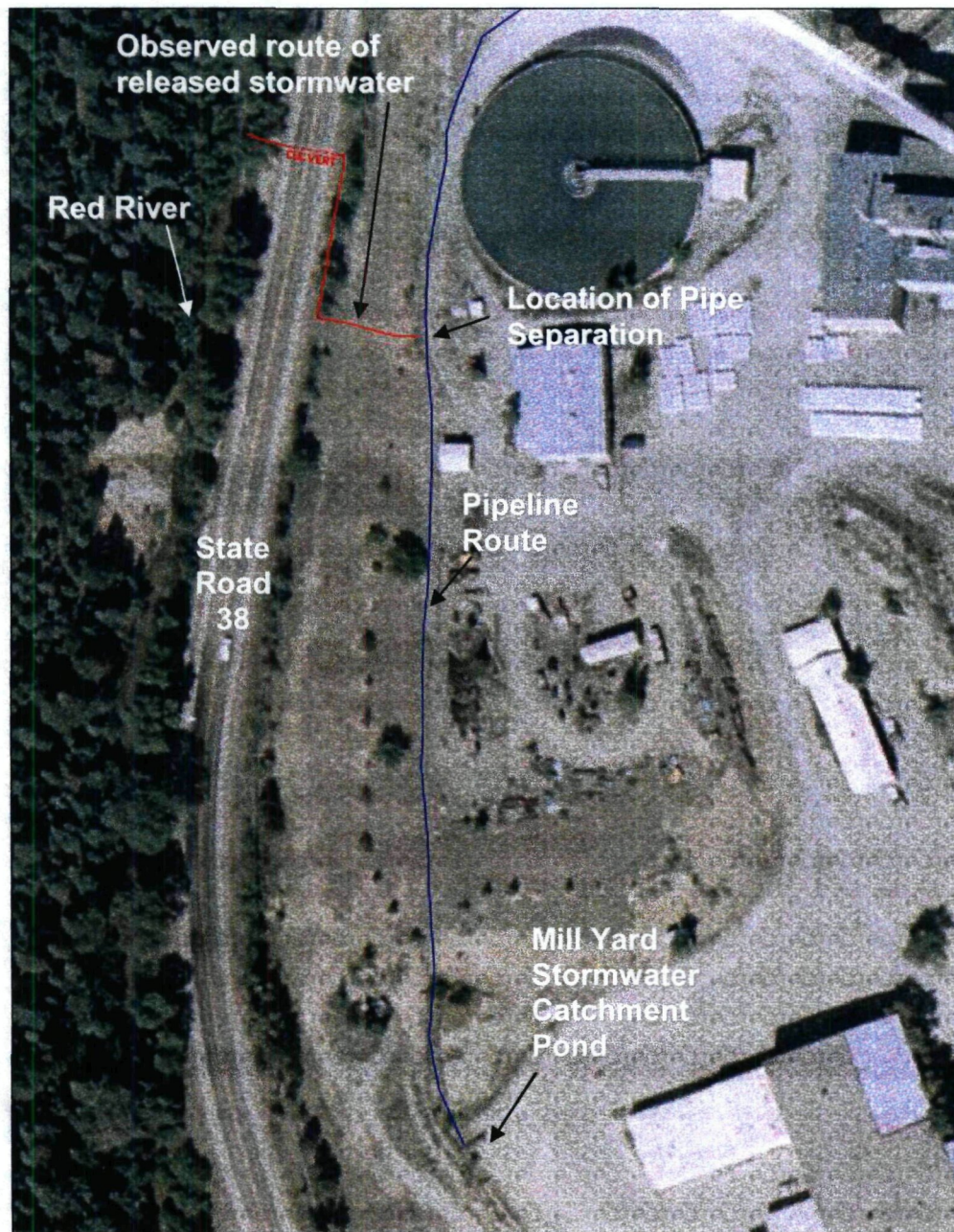
Molycorp believes that the measures described above are more than adequate to prevent a recurrence of this type of incident. Should you have any questions or concerns regarding this report or require additional information, please contact me at (760) 856-7656.

Sincerely,



Roy Torres

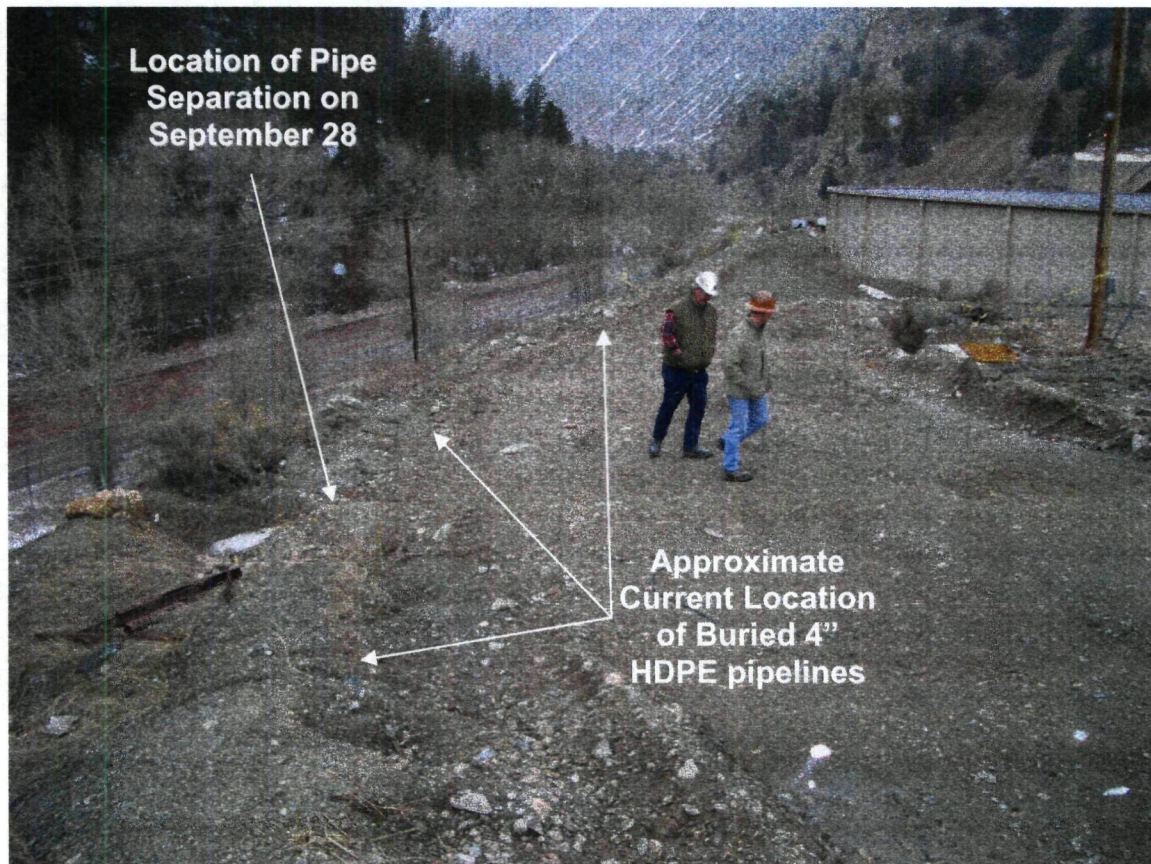
C: Marcy Leavitt, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Bob Murphy, EPA Region 6
Everett Spencer, EPA Region 6
Gerald Fontenot, EPA Region 6
R. Torres, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp



REVISIONS			Description	Drawn by:	
				Checked By:	
				Approved:	
				MOLYCORP QUESTA DIVISION Questa, New Mexico	
				MolyCorp Questa Mine Questa Mill Site 005 Pump Discharge Pipe Area	
				SCALE: 100 Scale Dwg No.: Decline Shop.dwg Cad File: Sperling Computer	

Photograph taken January 11, 2005

Location of Pipeline Separation on September 28, 2004
Current location of Two Buried 4" fused HDPE Pipelines



Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 13, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: **Administrative Order Docket No. CWA-6-01-1204**
NPDES Permit No. NM0022306

Dear Ms. Strickley:

Pursuant to Paragraph F of Administrative Order Docket No. CWA-6-01-1204 ("Order") for NPDES Permit No. NM0022306, Molycorp is pleased to report that it has successfully completed all activities required in the Order and that it has attained compliance with the final effluent limitations at Outfall 002 by February 1, 2004 in accordance with Section B.5 of the Order. Molycorp would also like to express its appreciation to EPA for its letter dated January 27, 2004 officially closing the Order.

On January 9, 2004 Molycorp completed the start-up of the necessary facilities to attain compliance with the final effluent limitations at Outfall 002. A 24-hour composite sample was collected at Outfall 002 on January 15 and submitted for analysis. The result of the analysis indicates a manganese concentration of 0.47 mg/l and a calculated load of 2.04 lbs/day. A routine compliance sample was taken on January 8, prior to the start-up of the facilities and had a manganese concentration of 0.62 mg/l and a calculated load of 3.05 lbs/day. Therefore, the January 2004 discharge monitoring report (DMR) will contain the following results for manganese which demonstrates that Molycorp has attained compliance with the final effluent limitations:

- Monthly average loading = 2.55 lbs/day Permit limit = 2.9 lbs/day
- Daily maximum loading = 3.05 lbs/day Permit limit = 4.38 lbs/day
- Monthly average concentration = 0.55 mg/l Permit limit = 1.0 mg/l
- Daily maximum concentration = 0.62 mg/l Permit limit = 1.5 mg/l

MAR 30 2004
PDR

2 - AO & AO matl
3 - DMR
4 - Vio. Rem. Log
5 - MCR
6 - Correspondence
7 - Other
New File
Clerks Incs.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions or concerns or require additional information, please contact Anne Wagner at (505) 586-7625.

Sincerely,



Roy Torres
Manager, Operations
Questa Mine

Attachment

Cc: M. Leavitt, Chief NMED/SWQB w/attachment
A. Wagner, Molycorp w/o attachment
S. Honan, Molycorp w/o attachment



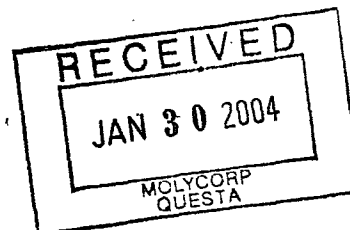
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TX 75202-2733

JAN 27 2004



REPLY TO: 6EN-WC

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (7003 0500 0003 0871 3597)

Mr. Roy Torres
Manager, Operations
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556-0469

Re: Administrative Order Docket No. CWA-6-01-1204
NPDES Permit No. NM0022306

Dear Mr. Torres:

This is to acknowledge receipt of your letter dated December 30, 2003. After a review by our technical staff, the materials you submitted have been determined to be a satisfactory response and the above referenced Administrative Order is hereby closed. Thank you for your attention to this matter.

Sincerely yours,

Charles Faultry
Chief
TX/NM NPDES Section

cc: Ms. Marcy Leavitt
Chief
Surface Water Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

UNRECORDED FILED FOR RECORDS MANAGEMENT FOR INFORMATIONAL PURPOSES ONLY

RECYCLED/RECYCLABLE • Printed with Vegetable Oil Based Inks on 100% Recycled Paper (40% Postconsumer)

JAN 27 2004

REPLY TO: 6EN-WC

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (7003 0500 0003 0871 3597)

Mr. Roy Torres
Manager, Operations
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556-0469

Re: Administrative Order Docket No. CWA-6-01-1204
NPDES Permit No. NM0022306 ✓

Dear Mr. Torres:

This is to acknowledge receipt of your letter dated December 30, 2003. After a review by our technical staff, the materials you submitted have been determined to be a satisfactory response and the above referenced Administrative Order is hereby closed. Thank you for your attention to this matter.

Sincerely yours,

Charles Faultry
Chief
TX/NM NPDES Section

cc: Ms. Marcy Leavitt
Chief
Surface Water Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

CONCURRENCES

bcc: Whitten-Hill (6EN-WC)
Read File (6EN-W)
— Strickley (6EN-WC)

1 - Permit/CD
2 - AD & AC mail
3 - DMR's
4 - Vic. E. & S. Log
5 - NOR
6 - Correspondence
7 - CRAB
8 - [unclear]
9 - Clerk's Inits.

7003 0500 0003 0871 3597	U.S. Postal Service™	
	CERTIFIED MAIL™ RECEIPT	
	<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
	For delivery information visit our website at www.usps.com	
	OFFICIAL USE	
	Postage	\$
	Certified Fee	
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	
Postmark Here		
Sent To		
Street, Apt. No., or P.O. Box No.		
City, State, ZIP+4		
PS Form 3800, June 2002		
See Reverse for Instructions		

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	12	01		05	12	31

*** NO DISCHARGE

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE												
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS															
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)															
	PERMIT REQUIREMENT	2147 MO AVG	3220 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24												
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)															
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB												
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)															
	PERMIT REQUIREMENT	716 MO AVG	1073 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24												
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)															
	PERMIT REQUIREMENT	0.249 MO AVG	0.374 DAILY MX	LBS/DY	*****	0.007 MO AVG	0.01 DAILY MX	MG/L		ONCE/MONTH	COMP24												
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)															
	PERMIT REQUIREMENT	107 MO AVG	107 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24												
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)															
	PERMIT REQUIREMENT	8.94 MO AVG	13.42 DAILY MX	LBS/DY	*****	0.25 MO AVG	0.375 DAILY MX	MG/L		ONCE/MONTH	COMP24												
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)															
	PERMIT REQUIREMENT	0.107 MO AVG	0.157 DAILY MX	LBS/DY	*****	0.003 MO AVG	0.0044 DAILY MX	MG/L		ONCE/MONTH	COMP24												
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE												
Roy A. Torres																							
Manager, Operations																							
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637		06 01 13												
									area code NUMBER		YEAR MO DAY												

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 12 DAY 01 TO YEAR 05 MO 12 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.				TELEPHONE		DATE			
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 12 DAY 01

TO YEAR 05 MO 12 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	PCI/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE								****			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086		*****	0.000016	0.000024			WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER, AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>					TELEPHONE		DATE		
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>					<p>(505)5867637</p> <p>area code NUMBER</p>		<p>06 01 13</p> <p>YEAR MO DAY</p>		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

002 A
DISCHARGE NUMBER

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD									
YEAR	MO	DAY	FROM	TO	YEAR	MO	DAY	TO	
05	12	01			05	12	31		

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE						
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS									
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	51.06	51.06	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24						
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24						
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.39	*****	7.52	(12) SU	0	1/7	GRAB						
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB						
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	20.45	20.45	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24						
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24						
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24						
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24						
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.37	5.37	(26) LBS/DY	*****	1.1	1.1	(19) MG/L	0	1/30	COMP24						
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24						
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24						
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24						
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24						
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24						
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						TELEPHONE	DATE								
Roy A. Torres								(505)5867637	06 01 13								
Manager, Operations									YEAR MO DAY								
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						area code NUMBER									

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306	002 A
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	12	01		05	12	31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.511	0.511	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.05	2.05	(26) LBS/DY	*****	0.4	0.4	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	6.14	6.14	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE		
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					(505)5867637		06 01 13		
							area code NUMBER		YEAR MO DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

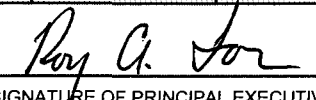
MONITORING PERIOD

FROM YEAR 05 MO 12 DAY 01 TO YEAR 05 MO 12 DAY 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.596	0.726	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMPL
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>	TELEPHONE	DATE
Roy A. Torres		(505)5867637	06 01 13
Manager, Operations		area code NUMBER	YEAR MO DAY
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 12 DAY 01

TO YEAR 05 MO 12 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125	MG/L		DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30	MG/L		DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644	MG/L		DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055	MG/L		DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049	MG/L		DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455	MG/L		DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>							(505)5867637	06 01 13	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM 05 12 01 TO 05 12 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER, AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>							(505)5867637	06 01 13	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
MINE DRAINAGE

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY 05 | 12 | 01 TO YEAR | MO | DAY 05 | 12 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>							(505)5867637	06 01 13	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL

MINE DRAINAGE

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

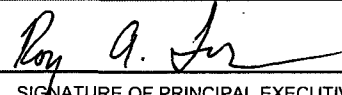
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 12 | 01 TO 05 | 12 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COM
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>					TELEPHONE		DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED							 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 <small>area code NUMBER</small>		06 01 13 <small>YEAR MO DAY</small>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

DSC

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



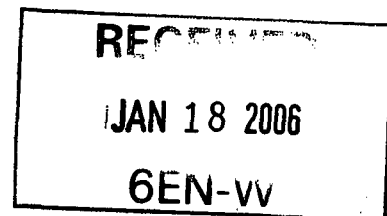
CERTIFIED MAIL RETURN RECEIPT

January 13, 2006

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:



Enclosed are the DMRs for the month of December, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of December.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Roy A. Torres".

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

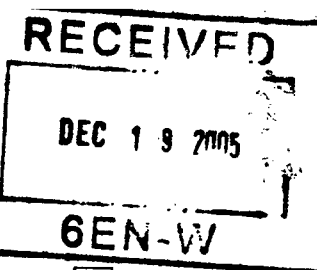
PERMIT NUMBER

001 A

DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER



MONITORING PERIOD

YEAR	MO	DAY
05	11	01

TO

YEAR	MO	DAY
05	11	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2147 MO AVG	3220 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	716 MO AVG	1073 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.249 MO AVG	0.374 DAILY MX	LBS/DY	*****	0.007 MO AVG	0.01 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	107 MO AVG	107 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	8.94 MO AVG	13.42 DAILY MX	LBS/DY	*****	0.25 MO AVG	0.375 DAILY MX	MG/L		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.107 MO AVG	0.157 DAILY MX	LBS/DY	*****	0.003 MO AVG	0.0044 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres									(505)5867637 area code NUMBER	05 12 15 YEAR MO DAY	
Manager, Operations TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
PROCESS WATER

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

RECEIVED

DEC 19 2005

6EN-W

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 11 | 01

TO YEAR | MO | DAY
05 | 11 | 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24			
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24			
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24			
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24			
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24			
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24			
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)						
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE			
Roy A. Torres														
Manager, Operations														
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637		05 12 15	
									area code NUMBER		YEAR MO DAY			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

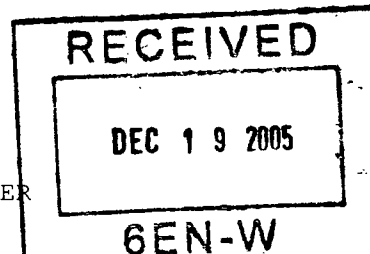
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER



FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD									
YEAR	MO	DAY	FROM	TO	YEAR	MO	DAY	TO	
05	11	01			05	11	30		

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE						
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS									
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)									
01501 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	19.8 MO AVG	29.7 DAILY MX	PCI/L		ONCE/ MONTH	GRAB						
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****										
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTIN UOUS	RCORDR						
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)									
71900 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.00057 MO AVG	0.00086 DAILY MX	LBS/DY	*****	0.000016 MO AVG	0.000024 DAILY MX	MG/L		WEEKLY	COMP24						
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						TELEPHONE	DATE								
Roy A. Torres								(505)5867637	05 12 15								
Manager, Operations									YEAR MO DAY								
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						area code NUMBER									

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

DEC 19 2005

F - FINAL

SEEPAGE FR/TAILINGS IMPROVEMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 11 DAY 01 TO YEAR 05 MO 11 DAY 30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	49.40	49.40	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH	SAMPLE MEASUREMENT	*****	*****		6.83	*****	7.52	(12) SU	0	1/7	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	19.76	19.76	(26) LBS/DY	*****	4	4	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.93	5.93	(26) LBS/DY	*****	1.2	1.2	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>							(505)5867637	05 12 15	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	11	01		05	11	30

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.494	0.494	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.93	1.93	(26) LBS/DY	*****	0.39	0.39	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.43	5.43	(26) LBS/DY	*****	1.10	1.10	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>							(505)5867637	05 12 15	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 11 DAY 01 TO YEAR 05 MO 11 DAY 30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.611	0.726	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL, PROPERLY GATHER, AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 12 15 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AQ 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

COPY
original

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

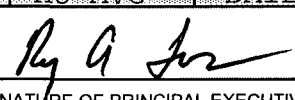
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY 05 | 11 | 01 TO YEAR | MO | DAY 05 | 11 | 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<div style="border: 2px solid black; padding: 5px; text-align: center;"> RECEIVED DEC 19 2005 GEN-W </div>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	(505)5867637 area code NUMBER	05 12 15 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306	004 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

COPY

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	11	01		05	11	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						TELEPHONE	DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 12 15	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.											

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

original
COPY

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 11 | 01

TO YEAR | MO | DAY
05 | 11 | 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 12 15 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 11 DAY 01 TO YEAR 05 MO 11 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>						TELEPHONE	DATE		
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>								<p><i>Roy A. Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637 area code NUMBER</p>	<p>05 12 15 YEAR MO DAY</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

001 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

MONITORING PERIOD

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

YEAR MO DAY
05 10 01

TO

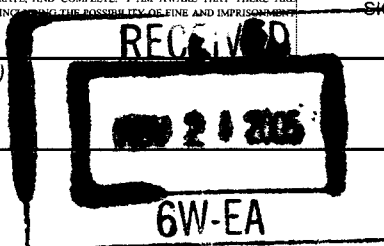
YEAR MO DAY
05 10 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	PH	2147	3220	(26)	*****	60	90	(19)		ONCE/MONTH	COMP24
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	(26)	*****	*****	*****	(12)		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE		716	1073	(26)	*****	20	30	(19)		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE		0.249	0.374	(26)	*****	0.007	0.01	(19)		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE		107	107	(26)	*****	3.0	3.0	(19)		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE		8.94	13.42	(26)	*****	0.25	0.375	(19)		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE		0.107	0.157	(26)	*****	0.003	0.0044	(19)		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Roy A. Torres Manager, Operations TYPED OR PRINTED											
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.											
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Roy A. Torres</i>											
TELEPHONE (505)5867637											
DATE 05 11 15											
area code NUMBER YEAR MO DAY											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 10 DAY 01 TO YEAR 05 MO 10 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.								TELEPHONE	DATE
Roy A. Torres Manager, Operations TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED
NOV 21 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

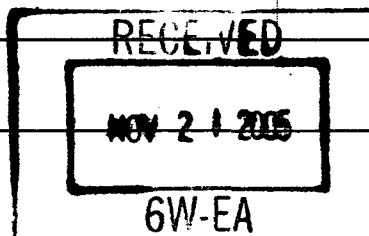
MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	10	01		05	10	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)				
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7			ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	PCI/L				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****				
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR	
EFFLUENT GROSS VALUE								****				
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)				
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086		*****	0.000016	0.000024			WEEKLY	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION SUBMITTED, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres									(505)5867637		05 11 15	
Manager, Operations									area code NUMBER		YEAR MO DAY	
TYPED OR PRINTED												
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	10	01		05	10	31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	50.98	50.98	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24	
00340 1 0 0	PERMIT REQUIREMENT	175	263		*****	60	90			ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
PH	SAMPLE MEASUREMENT	*****	*****		6.94	*****	7.49	(12) SU	0	1/7	COMP24	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB	
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	20.4	20.4	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24	
00530 1 0 0	PERMIT REQUIREMENT	58	87.6		*****	20	30			ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
00720 1 0 0	PERMIT REQUIREMENT	0.0429	0.064		*****	0.0147	0.022			ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT	5.61	5.61	(26) LBS/DY	*****	1.1	1.1	(19) MG/L	0	1/30	COMP24	
00951 1 0 0	PERMIT REQUIREMENT	8.75	8.75		*****	3.0	3.0			ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01002 1 0 0	PERMIT REQUIREMENT	1.25	1.88		*****	0.429	0.644			ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01027 1 0 0	PERMIT REQUIREMENT	0.014	0.02		*****	0.0048	0.007			ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, FOR KNOWING VIOLATIONS.</p>							TELEPHONE		DATE	
Roy A. Torres									(505)5867637		05 11 15	
Manager, Operations									area code NUMBER		YEAR MO DAY	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE

NOV. 21 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 10 | 01 TO 05 | 10 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.51	0.51	(26) LBS/DY	*****	<0.10	<0.10	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.99	1.99	(26) LBS/DY	*****	0.39	0.39	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	6.12	6.12	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p> <p><i>Roy A. Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE</p>							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									(505)5867637		05 11 15	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE

RECEIVED

NOV 21 2005

6W-FA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306	002 A
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

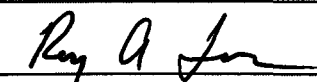
LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	10	01		05	10	31

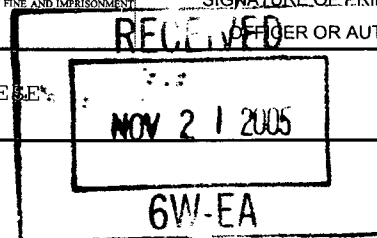
*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.624	0.726	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Roy A. Torres Manager, Operations TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (505)5867637 area code NUMBER	DATE 05 11 15 YEAR MO DAY
-------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------	-----------------------------------------

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306	004 A
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	10	01		05	10	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER									TELEPHONE		DATE
Roy A. Torres											
Manager, Operations									(505)5867637		05 11 15
TYPED OR PRINTED									area code NUMBER		YEAR MO DAY

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

RECEIVED

NOV 21 2005

6W-EA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 10 | 01 TO 05 | 10 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 11 15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

NOV 21 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL

MINE DRAINAGE

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 10 | 01 TO 05 | 10 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>RECEIVED</p> <p>NOV 21 2005</p> <p>6W-EA</p>							area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

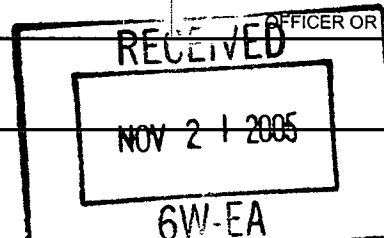
FROM YEAR 05 MO 10 DAY 01 TO YEAR 05 MO 10 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****					
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306 001 A
PERMIT NUMBER DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
05 09 01 05 09 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2147 MO AVG	3220 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	716 MO AVG	1073 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.249 MO AVG	0.374 DAILY MX	LBS/DY	*****	0.007 MO AVG	0.01 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	107 MO AVG	107 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	8.94 MO AVG	13.42 DAILY MX	LBS/DY	*****	0.25 MO AVG	0.375 DAILY MX	MG/L		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.107 MO AVG	0.157 DAILY MX	LBS/DY	*****	0.003 MO AVG	0.0044 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER									TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									(505) 3867637	05 10 12	
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED REPRESENTATIVE Roy A. Torres		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

JAN 06 2006

RECEIVED
OCT 17 2005
6W-EA

4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Initials

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

Sc

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 09 | 01 TO 05 | 09 | 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Roy A. Torres

Manager, Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

1 - Permit/CD

2 - 10/17/05

3 - 10/17/05

4 - Via. Sum. Log

5 - NCR

6 - Correspondence

7 - CRAS

Date Filed

Clerk's Inits.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

OCT 17 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	09	01		05	09	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	19.8 MO AVG	29.7 DAILY MX	PCI/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTIN UOUS	RCORDR
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.00057 MO AVG	0.00086 DAILY MX	LBS/DY	*****	0.000016 MO AVG	0.000024 DAILY MX	MG/L		WEEKLY	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 10 12 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

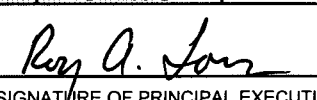
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	09	01		05	09	30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	43.30	43.30	(26) LBS/DY	*****	<10	<10	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	175	263		*****	60	90			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
PH	SAMPLE MEASUREMENT	*****	*****		7.38	*****	7.48	(12) SU	0	1/7		
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB	
				****	MINIMUM		MAXIMUM	SU				
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	17.32	17.32	(26) LBS/DY	*****	4	4	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	58	87.6		*****	20	30			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.0429	0.064		*****	0.0147	0.022			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.76	4.76	(26) LBS/DY	*****	1.1	1.1	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	8.75	8.75		*****	3.0	3.0			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.25	1.88		*****	0.429	0.644			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.014	0.02		*****	0.0048	0.007			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							1 - Permit/CD		05 10 12	
Manager, Operations									2 - AO & AO Init		05 10 12	
TYPED OR PRINTED									3 - 386/622			
									4 - Vio Sum. Log			
									5 - NCR			
									6 - Correspondence			
									7 - CRAS			
									Date Filed			
									Clerk's Inits.			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306	002 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	09	01		05	09	30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.433	0.433	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.77	1.77	(26) LBS/DY	*****	0.41	0.41	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.2	5.2	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							505-586-7637		05 10 12 YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

OCT 17 2005

6W-EA

5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Initials

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306	002 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

① SC

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	09	01		05	09	30

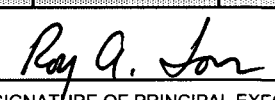
*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.570	0.726	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED
OCT 17 2005
6W/EA

1 - Permit/NO
2 - AO & AO matt
3 - DMR's
4 - Via. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Roy A. Torres Manager, Operations TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE	DATE
			(505)5867637 area code NUMBER	05 10 12 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	09	01		05	09	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<div style="border: 1px solid black; padding: 5px;"> <p>1 - Permit/CD</p> <p>2 - AO & AO Init</p> <p>3 - DMR's</p> <p>4 - Vol. Sum. Log</p> <p>5 - NCR</p> <p>6 - Correspondence</p> </div>							TELEPHONE	DATE	
Roy A. Torres		<div style="border: 1px solid black; padding: 5px;"> <p>RECEIVED</p> <p>OCT 17 2005</p> <p>6W-EA</p> </div>							(505)5867637	05 10 12	
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE							area code	NUMBER	
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT								YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306	004 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	09	01		05	09	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L	ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L	DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L	ONCE/MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L	ONCE/MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****			
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L	ONCE/MONTH	CO
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)		
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L	DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		1 - Permit/CD 2 - AO & AG mail 3 - DMR's 4 - Mo. Sum. Log 5 - NCR ** 6 - Correspondence					TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, FOR KNOWING VIOLATIONS.					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 area code NUMBER	
									05 10 12 YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

MAJOR

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

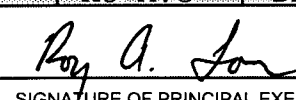
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 09 DAY 01 TO YEAR 05 MO 09 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125		DAILY	COMP24		
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L				
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)				
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		DAILY	GRAB		
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30		DAILY	COMP24		
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L				
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644		DAILY	COMP24		
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L				
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055		DAILY	COMP24		
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L				
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049		DAILY	CO		
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L				
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455		DAILY	COMP24		
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNING AND MONITORING PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY KNOWLEDGE OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637		05 10 12	
Manager, Operations									area code NUMBER		YEAR MO DAY	
TYPED OR PRINTED												

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 09 DAY 01

TO YEAR 05 MO 09 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF PERJURY THAT THE DATA AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNING AND EVALUATING THE INFORMATION SUBMITTED BY THE PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED BY THE PERSONNEL WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR THE INFORMATION THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE		
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		area code NUMBER		
							Roy A. Torres		5867637		
									05 10 12		
									YEAR MO DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

MAJOR

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 08 | 01

TO YEAR | MO | DAY
05 | 08 | 31

*** NO DISCHARGE DATA FILED
NOTE: Read instructions before completing this form.

- 1 - Permit/CD
- 2 - AO & AO matl
- 3 - DMR's
- 4 - Vio. Sum. Log
- 5 - RCR
- 6 - Correspondence
- 7 - CRAS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	2147	3220		*****	60	90			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			(26)	*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	716	1073		*****	20	30			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00720 1 0 0	PERMIT REQUIREMENT	0.249	0.374		*****	0.007	0.01			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00951 1 0 0	PERMIT REQUIREMENT	107	107		*****	3.0	3.0			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	8.94	13.42		*****	0.25	0.375			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	0.107	0.157		*****	0.003	0.0044			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637	05 09 14	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

SEP 19 2005

6W-EA

JAN 06 2006

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 08 DAY 01 TO YEAR 05 MO 08 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01042 1 0 1	PERMIT REQUIREMENT	1.47	2.22		*****	0.041	0.062			WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY	MG/L			
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01045 1 0 0	PERMIT REQUIREMENT	21.5	21.5		*****	0.6	0.6			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	1.1	1.65		*****	0.031	0.046			WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
MANGANESE, TOTAL (AS MN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01055 1 0 0	PERMIT REQUIREMENT	35.8	53.7		*****	1.0	1.5			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
MOLYBDENUM, TOTAL (AS MO)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01062 1 0 0	PERMIT REQUIREMENT	35.8	71.6		*****	1.0	2.0			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01092 1 0 0	PERMIT REQUIREMENT	7.16	7.16		*****	0.2	0.2			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01105 1 0 0	PERMIT REQUIREMENT	2.075	3.11		*****	0.058	0.087			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 <small>area code NUMBER</small>	05 09 14 <small>YEAR MO DAY</small>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SEP 19 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 08 | 01 TO 05 | 08 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7	PCI/L		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE											
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086	LBS/DY	*****	0.000016	0.000024	MG/L		WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

SEP 19 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>	<p><i>Roy Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>TELEPHONE</p> <p>(505)5867637</p> <p>area code NUMBER</p>	<p>DATE</p> <p>05 09 14</p> <p>YEAR MO DAY</p>
------------------------------------------	--------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------	--------------------------------------------------------------	--------------------------------------------------------

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 08 DAY 01

TO YEAR 05 MO 08 DAY 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	43.30	43.30	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24
00340 1 0 0	PERMIT REQUIREMENT	175	263	LBS/DY	*****	60	90	MG/L		ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
PH	SAMPLE MEASUREMENT	*****	*****		7.35	*****	7.53	(12) SU	0	1/7	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		WEEKLY	GRAB
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	17.32	17.32	(26) LBS/DY	*****	4	4	(19) MG/L	0	1/30	COMP24
00530 1 0 0	PERMIT REQUIREMENT	58	87.6	LBS/DY	*****	20	30	MG/L		ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
00720 1 0 0	PERMIT REQUIREMENT	0.0429	0.064	LBS/DY	*****	0.0147	0.022	MG/L		ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT	6.50	6.50	(26) LBS/DY	*****	1.5	1.5	(19) MG/L	0	1/30	COMP24
00951 1 0 0	PERMIT REQUIREMENT	8.75	8.75	LBS/DY	*****	3.0	3.0	MG/L		ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
01002 1 0 0	PERMIT REQUIREMENT	1.25	1.88	LBS/DY	*****	0.429	0.644	MG/L		ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
01027 1 0 0	PERMIT REQUIREMENT	0.014	0.02	LBS/DY	*****	0.0048	0.007	MG/L		ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>				TELEPHONE		DATE			
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE				(505)5867637		05 09 14			
		OFFICER OR AUTHORIZED AGENT				area code NUMBER		YEAR MO DAY			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

SEP 19 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 08 | 01 TO 05 | 08 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01042 1 0 0	PERMIT REQUIREMENT	0.12	0.18	LBS/DY	*****	0.041	0.062	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	0.433	0.433	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24	
01045 1 0 0	PERMIT REQUIREMENT	1.75	1.75	LBS/DY	*****	0.6	0.6	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01051 1 0 0	PERMIT REQUIREMENT	0.63	0.95	LBS/DY	*****	0.216	0.325	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
MANGANESE, TOTAL (AS MN)	SAMPLE MEASUREMENT	1.82	1.82	(26) LBS/DY	*****	0.42	0.42	(19) MG/L	0	1/30	COMP24	
01055 1 0 0	PERMIT REQUIREMENT	2.9	4.38	LBS/DY	*****	1.0	1.5	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
MOLYBDENUM, TOTAL (AS MO)	SAMPLE MEASUREMENT	5.2	5.2	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24	
01062 1 0 0	PERMIT REQUIREMENT	9.6	14.7	LBS/DY	*****	3.3	5.03	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01092 1 0 0	PERMIT REQUIREMENT	0.58	0.58	LBS/DY	*****	0.2	0.2	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01105 1 0 0	PERMIT REQUIREMENT	0.169	0.254	LBS/DY	*****	0.058	0.087	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>							TELEPHONE		DATE	
Roy A. Torres												
Manager, Operations												
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

SEP 19 2005

GW.FA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

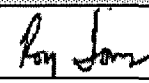
MONITORING PERIOD

YEAR | MO | DAY
FROM 05 | 08 | 01

YEAR | MO | DAY
TO 05 | 08 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.537	0.726	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
71900 1 0 0	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
<div style="text-align: center;"> RECEIVED SEP 19 2005 6W-EA </div>											
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		(505)5867637 area code NUMBER	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

MAJOR

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 08 | 01 TO 05 | 08 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy Torres</p>							area code NUMBER	YEAR MO DAY	
									(505)5867637	05 09 14	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 08 | 01 TO 05 | 08 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THIS SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>					TELEPHONE		DATE		
Roy A. Torres											
Manager, Operations							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637		
TYPED OR PRINTED							area code NUMBER		YEAR MO DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

MAJOR

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 08 | 01 TO 05 | 08 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 09 14
Manager, Operations										area code NUMBER	YEAR MO DAY
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 08 | 01 TO 05 | 08 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01077 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.003	0.005			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01092 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.2	0.2			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01105 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.5	0.75			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CHLORDANE (TECH MIX. AND METABOLITES)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
39350 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016	0.0024			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		DAILY	MEASRD
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	MGD				****			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127	0.019			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016	0.0024			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>				TELEPHONE		DATE			
Roy A. Torres											
Manager, Operations						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					
TYPED OR PRINTED						area code NUMBER		YEAR MO DAY			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

TX1 S

DISCHARGE NUMBER

MAJOR

F - FINAL

1/6 MONTHS 7-DAY CHRONIC TOXIC

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	02	01		05	07	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LF P/F LETH STATRE 7 DAY CHR CERIODAPHNIA TLP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(9A)			
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PASS=0 FAIL=1		ONCE/6MONTH	COMP24
NOEL LETHAL STATRE 7 DAY CHR CERIODAPHNIA TOP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24
NOEL SUB-LTH STATRE 7DAY CHR CERIODAPHNI TPP38 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.				TELEPHONE		DATE			
Roy A. Torres						(505)5867637		05 08 12			
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				area code NUMBER		YEAR MO DAY			
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here).

(PASS = 0 FAIL = 1) REPORT PASS AS '0' OR REPORT FAIL AS '1' IN CONCENTRATION MIN. ABOVE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

TX2 S

DISCHARGE NUMBER

MAJOR

F - FINAL

1/6 MONTHS 7-DAY CHRONIC TOXIC

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
05 02 01 TO 05 07 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
LF P/F LETH STATRE 7 DAY CHR CERIODAPHNIA TLP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		0	*****	*****	(9A)	0	1/6 MONTH	COMP24	
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PASS=0 FAIL=1		ONCE/6MONTH	COMP24	
NOEL LETHAL STATRE 7 DAY CHR CERIODAPHNIA TOP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		67	*****	*****	(23)	0	1/6 MONTH	COMP24	
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24	
NOEL SUB-LTH STATRE 7DAY CHR CERIODAPHNI TPP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		67	*****	*****	(23)	0	1/6 MONTH	COMP24	
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
RECEIVED AUG 15 2005 6W-EA												
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637	
									area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(PASS = 0 FAIL = 1) REPORT PASS AS '0' OR REPORT FAIL AS '1' IN CONCENTRATION MIN. ABOVE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY 05 | 07 | 01 TO YEAR | MO | DAY 05 | 07 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	2147	3220		*****	60	90			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			(26)	*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	716	1073		*****	20	30			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00720 1 0 0	PERMIT REQUIREMENT	0.249	0.374		*****	0.007	0.01			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00951 1 0 0	PERMIT REQUIREMENT	107	107		*****	3.0	3.0			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	8.94	13.42		*****	0.25	0.375			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	0.107	0.157		*****	0.003	0.0044			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>							<p>(505)5867637</p> <p>area code NUMBER</p>	<p>05 08 12</p> <p>YEAR MO DAY</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 07 DAY 01 TO YEAR 05 MO 07 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									<p><i>Roy A Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637 area code NUMBER</p>	<p>05 08 12 YEAR MO DAY</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 07 | 01 TO 05 | 07 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	19.8 MO AVG	29.7 DAILY MX	PCI/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTIN UOUS	RCORDR
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.00057 MO AVG	0.00086 DAILY MX	LBS/DY	*****	0.000016 MO AVG	0.000024 DAILY MX	MG/L		WEEKLY	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>									<p><i>Roy A Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637</p> <p>area code NUMBER</p>	<p>05 08 12</p> <p>YEAR MO DAY</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

002 A
DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 07 | 01 05 | 07 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	39.22	39.22	(26) LBS/DY	*****	<10	<10	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.29	*****	7.56	(12) SU	0	1/7	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	15.69	15.69	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.92	3.92	(26) LBS/DY	*****	1.0	1.0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 08 12

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 07 | 01 TO 05 | 07 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.392	0.392	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.61	1.61	(26) LBS/DY	*****	0.41	0.41	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.71	4.71	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE		DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									<p><i>Roy A Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>		<p>(505)5867637 area code NUMBER</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 07 | 01 TO 05 | 07 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.486	0.720	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

AUG 15 2005

6W FA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>	<p>TELEPHONE</p> <p>(505)5867637</p> <p>area code NUMBER</p>	<p>DATE</p> <p>05 08 12</p> <p>YEAR MO DAY</p>
<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>	<p style="text-align: center;"><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 07 DAY 01 TO YEAR 05 MO 07 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									<p><i>Roy A. Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637 area code NUMBER</p>	<p>05 08 12 YEAR MO DAY</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	07	01		05	07	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 area code NUMBER		05 08 12 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306	005 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	07	01		05	07	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 08 12 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 07 DAY 01 TO YEAR 05 MO 07 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 area code NUMBER		05 08 12 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 06 DAY 01 TO YEAR 05 MO 06 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	2147	3220		*****	60	90			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			(26)	*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	716	1073		*****	20	30			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00720 1 0 0	PERMIT REQUIREMENT	0.249	0.374		*****	0.007	0.01			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00951 1 0 0	PERMIT REQUIREMENT	107	107		*****	3.0	3.0			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	8.94	13.42		*****	0.25	0.375			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	0.107	0.157		*****	0.003	0.0044			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Roy A. Torres

Manager, Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Roy A. Torres

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE

(505)5867637 05 | 07 | 15

area code NUMBER YEAR MONTH DAY

area code NUMBER YEAR MONTH DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

JUL 18 2005

6W-EA

JUL 18 2005

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

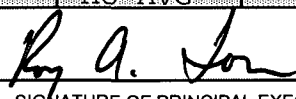
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
05 06 01 TO 05 06 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 07 15 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

JUL 18 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

001 A
DISCHARGE NUMBER

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD								
YEAR			MO			DAY		
FROM 05			06			01		
TO 05			06			30		

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)				
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7			ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	PCI/L				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****					
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR	
EFFLUENT GROSS VALUE								****				
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)				
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086		*****	0.000016	0.000024			WEEKLY	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres												
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637		05 07 15	
TYPED OR PRINTED												

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

JUL 18 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306	002 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
05	06	01	05	06	30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	37.47	37.47	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24	
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.31	*****	7.43	(12) SU	0	1/7	GRAB	
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	14.99	14.99	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24	
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24	
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.12	4.12	(26) LBS/DY	*****	1.10	1.10	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24	
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Roy A. Torres		(505)5867637	
									area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

JUL 18 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306	002 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	06	01		05	06	30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE				
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS							
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24				
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.375	0.375	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24				
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24				
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.61	1.61	(26) LBS/DY	*****	0.43	0.43	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24				
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.87	4.87	(26) LBS/DY	*****	1.30	1.30	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24				
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24				
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24				
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER										TELEPHONE		DATE			
Roy A. Torres Manager, Operations TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 area code NUMBER		05 07 15 YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

JUL 18 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
05 06 01 TO 05 06 30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.462	0.579	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP 24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP 24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

JUL 18 2005

GW-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>	TELEPHONE	DATE
Roy A. Torres	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 07 15
Manager, Operations		area code NUMBER	YEAR MO DAY
TYPED OR PRINTED			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 06 DAY 01 TO YEAR 05 MO 06 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>							(505)5867637	05 07 15	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 06 DAY 01 TO YEAR 05 MO 06 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>						TELEPHONE	DATE		
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>								<p><i>Roy A. Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637 area code NUMBER</p>	<p>05 07 15 YEAR MO DAY</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
MINE DRAINAGE

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	06	01		05	06	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">RECEIVED</p> <p style="text-align: center;">JUL 18 2005</p> <p style="text-align: center;">GWLEA</p> </div>							TELEPHONE	DATE	
Roy A. Torres									<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> </div>	(505)5867637	05 07 15
Manager, Operations										area code NUMBER	YEAR MO DAY
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

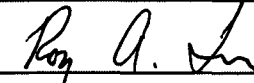
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 06 | 01 TO 05 | 06 | 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>						TELEPHONE	DATE		
Roy A. Torres								 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 07 15	
Manager, Operations									area code NUMBER	YEAR MO DAY	
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306 001 A
PERMIT NUMBER DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 05 DAY 01 TO YEAR 05 MO 05 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2147 MO AVG	3220 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	716 MO AVG	1073 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.249 MO AVG	0.374 DAILY MX	LBS/DY	*****	0.007 MO AVG	0.01 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	107 MO AVG	107 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	8.94 MO AVG	13.42 DAILY MX	LBS/DY	*****	0.25 MO AVG	0.375 DAILY MX	MG/L		ONCE/MONTH	CO.
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.107 MO AVG	0.157 DAILY MX	LBS/DY	*****	0.003 MO AVG	0.0044 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED						Roy A. Torres				05 06 14	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

JUN 16 2005

6W-EA

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
505-5867637
FAX
505-5867637

Correspondence

7 - CRAS

Date Filed

Clerk's Initials

JUL 27 2005

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 05 | 01 TO 05 | 05 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01042 1 0 1	PERMIT REQUIREMENT	1.47	2.22		*****	0.041	0.062			WEEKLY	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY	MG/L					
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01045 1 0 0	PERMIT REQUIREMENT	21.5	21.5		*****	0.6	0.6			ONCE/MONTH	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY	MG/L					
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01051 1 0 0	PERMIT REQUIREMENT	1.1	1.65		*****	0.031	0.046			WEEKLY	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L					
MANGANESE, TOTAL (AS MN)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01055 1 0 0	PERMIT REQUIREMENT	35.8	53.7		*****	1.0	1.5			ONCE/MONTH	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L					
MOLYBDENUM, TOTAL (AS MO)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01062 1 0 0	PERMIT REQUIREMENT	35.8	71.6		*****	1.0	2.0			ONCE/MONTH	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L					
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01092 1 0 0	PERMIT REQUIREMENT	7.16	7.16		*****	0.2	0.2			ONCE/MONTH	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L					
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT			(26)	*****			(19)					
01105 1 0 0	PERMIT REQUIREMENT	2.075	3.11		*****	0.058	0.087			ONCE/MONTH	COMP24		
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY	MG/L					
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>								TELEPHONE		DATE	
Roy A. Torres										(505)5867637		05 06 14	
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE								area code NUMBER		YEAR MO DAY	
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

JUN 16 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

① dec

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 05 | 01 TO 05 | 05 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	PCI/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE								****			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057 MO AVG	0.00086 DAILY MX	LBS/DY	*****	0.000016 MO AVG	0.000024 DAILY MX	MG/L		WEEKLY	COMP24
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>							(505)5867637	05 06 14	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 05 DAY 01 TO YEAR 05 MO 05 DAY 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	36.04	36.04	(26) LBS/DY	*****	10.8	10.8	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	175	263		*****	60	90			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.47	(12) SU	0	1/7		
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		WEEKLY	GRAB	
				****	MINIMUM		MAXIMUM					
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	13.35	13.35	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	58	87.6		*****	20	30			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.0429	0.064		*****	0.0147	0.022			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.34	4.34	(26) LBS/DY	*****	1.30	1.30	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	8.75	8.75		*****	3.0	3.0			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.25	1.88		*****	0.429	0.644			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.014	0.02		*****	0.0048	0.007			ONCE/MONTH	COMP24	
		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres												
Manager, Operations												
TYPED OR PRINTED									(505)5867637		05 06 14	
									area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

JUN 16 2005

6W-FA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

002 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	05	01		05	05	31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.334	0.334	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.57	1.57	(26) LBS/DY	*****	0.47	0.47	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.34	4.34	(26) LBS/DY	*****	1.30	1.30	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres												
Manager, Operations												
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637		05 06 14	
									area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE

RECEIVED

JUN 16 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY 05 | 05 | 01 TO YEAR | MO | DAY 05 | 05 | 31

*** NO DISCHARGE ☐ ***

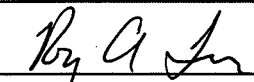
NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.400	0.585	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

JUN 16 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Roy A. Torres Manager, Operations TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  (505)5867637 area code NUMBER	TELEPHONE DATE 05 06 14 YEAR MO DAY
--------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 05 | 01 TO 05 | 05 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						TELEPHONE	DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 06 14 YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 05 DAY 01 TO YEAR 05 MO 05 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****					
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	CO	
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE			
Roy A. Torres												
Manager, Operations												
TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 05 | 01 05 | 05 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	CO
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 06 14 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	05	01		05	05	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	CO
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>						TELEPHONE	DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 <small>area code NUMBER</small>	05 06 14 <small>YEAR MO DAY</small>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
PROCESS WATER

NM0022306
PERMIT NUMBER

001 A
DISCHARGE NUMBER

JUN 30 2005

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 04 DAY 01 TO YEAR 05 MO 04 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2147 MO AVG	3220 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	716 MO AVG	1073 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.249 MO AVG	0.374 DAILY MX	LBS/DY	*****	0.007 MO AVG	0.01 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	107 MO AVG	107 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	8.94 MO AVG	13.42 DAILY MX	LBS/DY	*****	0.25 MO AVG	0.375 DAILY MX	MG/L		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	0.107 MO AVG	0.157 DAILY MX	LBS/DY	*****	0.003 MO AVG	0.0044 DAILY MX	MG/L		ONCE/MONTH	COMP24

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Roy A. Torres

Manager, Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE () / FAX ()
DATE
(505) 586-6375
area code NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

MAY 20 2005

6W-EA

6 - Correspondence
7 - CRAS
Date Filed
Clerk's Initials

PAGE 1 OF 3

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

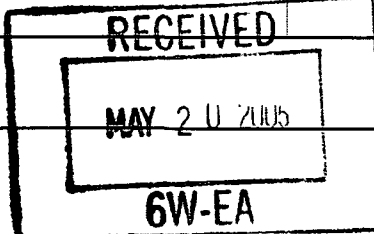
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 05	04	01	TO 05	04	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres									(505)5867637		05 05 12	
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE							area code NUMBER		YEAR MO DAY	
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT										

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 04 | 01 TO 05 | 04 | 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7	PCI/L		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE								****			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086	LBS/DY	*****	0.000016	0.000024	MG/L		WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED MAY 20 2005 6W-EA </div>							TELEPHONE	DATE	
Roy A. Torres									area code NUMBER	YEAR MO DAY	
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637	05 05 12	
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR / MO / DAY 05 / 04 / 01 TO YEAR / MO / DAY 05 / 04 / 30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	33.13	33.13	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24	
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	7.35	*****	7.49	(12) SU	0	1/7	GRAB	
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	13.25	13.25	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24	
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24	
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.28	3.31	(26) LBS/DY	*****	0.99	1.00	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24	
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE		DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									<p><i>Roy A. Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>		<p>(505)5867637 area code NUMBER</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

MAY 20 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
05 04 01 TO 05 04 30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.331	0.331	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.59	1.59	(26) LBS/DY	*****	0.48	0.48	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.14	4.31	(26) LBS/DY	*****	1.25	1.30	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									<p><i>Roy A Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>		<p>(505)5867637 area code NUMBER</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 04 DAY 01 TO YEAR 05 MO 04 DAY 30

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.383	0.397	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

MAY 20 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>	TELEPHONE	DATE
Roy A. Torres			
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637
TYPED OR PRINTED		area code NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306	004 A
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	04	01		05	04	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<p>(505)5867637</p> <p>area code NUMBER</p>	<p>05 05 12</p> <p>YEAR MO DAY</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	04	01		05	04	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE					
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM								
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)							
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L	ONCE/ MONTH	COMP24					
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)							
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L	DAILY	COMP24					
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)							
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L	ONCE/ MONTH	COMP24					
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)							
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L	ONCE/ MONTH	COMP24					
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****								
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	DAILY	MEASRD					
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)							
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L	ONCE/ MONTH	COMP24					
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)							
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L	DAILY	COMP24					
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE						
Roy A. Torres															
Manager, Operations							(505)5867637		05 05 12						
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					area code NUMBER		YEAR MO DAY						

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 04 DAY 01 TO YEAR 05 MO 04 DAY 30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125		DAILY	COMP24	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		DAILY	GRAB	
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30		DAILY	COMP24	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644		DAILY	COMP24	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055		DAILY	COMP24	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049		DAILY	COMP24	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455		DAILY	COMP24	
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>							(505)5867637	05 05 12	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

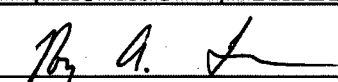
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	05	04	01		05	04	30

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>						TELEPHONE	DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED								 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 <small>area code NUMBER</small>	05 05 12 <small>YEAR MO DAY</small>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL

PROCESS WATER

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
05 03 01 TO 05 03 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	2147	3220		*****	60	90			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			(26)	*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	716	1073		*****	20	30			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00720 1 0 0	PERMIT REQUIREMENT	0.249	0.374		*****	0.007	0.01			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00951 1 0 0	PERMIT REQUIREMENT	107	107		*****	3.0	3.0			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	8.94	13.42		*****	0.25	0.375			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	0.107	0.157		*****	0.003	0.0044			ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Roy A. Torres

Manager, Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

TELEPHONE

5867637

5867637

5867637

5867637

5867637

5867637

5867637

5867637

5867637

5867637

5867637

DATE

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

05 | 04 | 15

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

APR 18 2005

6W-EA

MAY 04 2005

7 - CRAS
Date Filed
Clerk's Init.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
PROCESS WATER

NM0022306
PERMIT NUMBER

001 A
DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

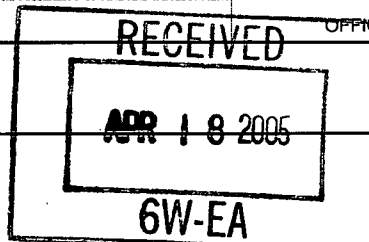
FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 03 | 01 TO 05 | 03 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)				
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL

PROCESS WATER

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 03 | 01 TO 05 | 03 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7	PCI/L		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE								****			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086	LBS/DY	*****	0.000016	0.000024	MG/L		WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX			MO AVG	DAILY MX				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

APR 18 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>	<p><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>TELEPHONE</p> <p>(505)5867637</p> <p>area code NUMBER</p>	<p>DATE</p> <p>05 04 15</p> <p>YEAR MO DAY</p>
------------------------------------------	---------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------	--------------------------------------------------------------	--------------------------------------------------------

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

①WS

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

NM0022306
PERMIT NUMBER

002 A
DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 03 | 01 TO 05 | 03 | 31

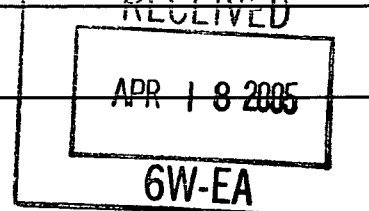
*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	33.96	33.96	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.36	*****	7.48	(12) SU	0	1/7	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	13.59	13.59	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.41	4.41	(26) LBS/DY	*****	1.30	1.30	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres									SIGNATURE OF PRINCIPAL EXECUTIVE	(505)5867637	05 04 15
Manager, Operations									OFFICER OR AUTHORIZED AGENT	area code NUMBER	YEAR MO DAY
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 03 | 01

TO YEAR | MO | DAY
05 | 03 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24			
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.34	0.34	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24			
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24			
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.56	1.56	(26) LBS/DY	*****	0.46	0.46	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24			
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.07	4.07	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24			
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24			
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24			
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE			
Roy A. Torres									SIGNATURE OF PRINCIPAL EXECUTIVE		(505)5867637		05 04 15	
Manager, Operations									OFFICER OR AUTHORIZED AGENT		area code NUMBER		YEAR MO DAY	
TYPED OR PRINTED														

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

APR 18 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

①WS

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

NM0022306
PERMIT NUMBER

002 A
DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 03 | 01 TO 05 | 03 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.408	0.603	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COM
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

APR 18 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>	<p><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	TELEPHONE	DATE
			(505)5867637	05 04 15
			area code NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
MINE DRAINAGE

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 03 | 01

TO YEAR | MO | DAY
05 | 03 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>						TELEPHONE	DATE		
Roy A. Torres								<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>	(505)5867637	05 04 15	
Manager, Operations									area code NUMBER	YEAR MO DAY	
<p>TYPED OR PRINTED</p>											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306	004 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR **① W S**
F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 05	03	01	TO 05	03	31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER	05 04 15 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 03 | 01

TO YEAR | MO | DAY
05 | 03 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	125 MO AVG	125 DAILY MX	MG/L		DAILY	COMP24
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	20 MO AVG	30 DAILY MX	MG/L		DAILY	COMP24
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.48 MO AVG	0.644 DAILY MX	MG/L		DAILY	COMP24
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037 MO AVG	0.0055 DAILY MX	MG/L		DAILY	COMP24
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.033 MO AVG	0.049 DAILY MX	MG/L		DAILY	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.3 MO AVG	0.455 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.								TELEPHONE	DATE
Roy A. Torres Manager, Operations TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306	005 A
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
05	03	01	TO	05	03 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE		
Roy A. Torres Manager, Operations TYPED OR PRINTED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 area code NUMBER		05 04 15 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 02 DAY 01 TO YEAR 05 MO 02 DAY 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	2147	3220		*****	60	90		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		WEEKLY	GRAB	
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			(26)	*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	716	1073		*****	20	30		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00720 1 0 0	PERMIT REQUIREMENT	0.249	0.374		*****	0.007	0.01		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00951 1 0 0	PERMIT REQUIREMENT	107	107		*****	3.0	3.0		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	8.94	13.42		*****	0.25	0.375		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	0.107	0.157		*****	0.003	0.0044		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER											
Roy A. Torres		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION TO THE NPDES PROGRAM AND FOR KNOWING VIOLATIONS.									
Manager, Operations		RECEIVED									
TYPED OR PRINTED		MAR 21 2005									
		6W-EA									
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									
		Roy A. Torres									
		1 - Permit/CD									
		2 - AO & AO matl									
		3 - (505)5867637									
		4 - Veris code NUMBER									
		5 - NCR									
		6 - Correspondence									
		7 - CRAS									
		Date Filed									
		Clerk's Inits.									
		TELEPHONE									
		DATE									
		05 03 14									
		YEAR MO DAY									

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

001 A
DISCHARGE NUMBER

F - FINAL
PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

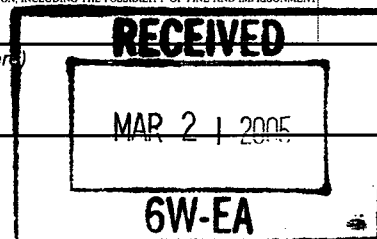
FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 02 | 01 05 | 02 | 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.								TELEPHONE	DATE
Roy A. Torres Manager, Operations TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 area code NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 02 | 01 TO 05 | 02 | 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	PCI/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	MGD				****			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057	0.00086		*****	0.000016	0.000024			WEEKLY	COMP24
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

MAR 21 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>	<p><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	TELEPHONE	DATE
			(505)5867637	05 03 14
			area code NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 02 DAY 01 TO YEAR 05 MO 02 DAY 28

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD) 00340 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	36.47	36.47	(26) LBS/DY	*****	<10.0	<10.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24	
PH	SAMPLE MEASUREMENT	*****	*****		7.23	*****	7.71	(12) SU	0	1/7	GRAB	
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	14.58	14.58	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24	
CYANIDE, TOTAL (AS CN) 00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24	
FLUORIDE, TOTAL (AS F) 00951 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.10	5.10	(26) LBS/DY	*****	1.40	1.40	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24	
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE		DATE	
Roy A. Torres												
Manager, Operations												
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE							(505)5867637		05 03 14	
		OFFICER OR AUTHORIZED AGENT							area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

MAR 21 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 02 DAY 01 TO YEAR 05 MO 02 DAY 28

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24	
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.365	0.365	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.71	1.71	(26) LBS/DY	*****	0.47	0.47	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24	
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.38	4.38	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER, AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE		DATE	
<p>Roy A. Torres Manager, Operations TYPED OR PRINTED</p>									<p><i>Roy A. Torres</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>		<p>(505)5867637 area code NUMBER</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED
MAR 2 1 2005

6W-EA

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 02 DAY 01 TO YEAR 05 MO 02 DAY 28

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.437	0.505	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

MAR 21 2005

6W-EA

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	TELEPHONE (505)5867637 <small>area code NUMBER</small>	DATE 05 03 14 <small>YEAR MO DAY</small>
Roy A. Torres Manager, Operations TYPED OR PRINTED	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

F - FINAL

MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY 05 | 02 | 01 TO YEAR | MO | DAY 05 | 02 | 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres									<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>Roy A. Torres</p>	(505)5867637	05 03 14
Manager, Operations										area code NUMBER	YEAR MO DAY
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

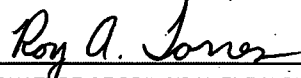
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 02 DAY 01 TO YEAR 05 MO 02 DAY 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	***	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/MONTH	COMP24
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/MONTH	COMP24
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>						TELEPHONE		DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						(505)5867637		05 03 14	
								area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
MINE DRAINAGE

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY
05 | 02 | 01

TO YEAR | MO | DAY
05 | 02 | 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
Roy A. Torres									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637	05 03 14
Manager, Operations										area code NUMBER	YEAR MO DAY
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 02 DAY 01 TO YEAR 05 MO 02 DAY 28

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****					
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					TELEPHONE		DATE			
Roy A. Torres							SIGNATURE OF PRINCIPAL EXECUTIVE		(505)5867637		05 03 14	
Manager, Operations TYPED OR PRINTED							OFFICER OR AUTHORIZED AGENT		area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

TX1 S

DISCHARGE NUMBER

MAJOR

F - FINAL

1/6 MONTHS 7-DAY CHRONIC TOXIC

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
04 | 08 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LF P/F LETH STATRE 7 DAY CHR CERIODAPHNIA TLP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(9A)			
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PASS=0 FAIL=1		ONCE/6MONTH	COMP24
NOEL LETHAL STATRE 7 DAY CHR CERIODAPHNIA TOP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24
NOEL SUB-LTH STATRE 7DAY CHR CERIODAPHNI TPP38 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(23)			
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER											
Roy A. Torres		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.									
Manager, Operations		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									
TYPED OR PRINTED		TELEPHONE DATE									
		(505)5867637 05 02 09									
		area code NUMBER YEAR MO DAY									

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(PASS = 0, FAIL = 1) REPORT PASS AS '0' OR REPORT FAIL AS '1' IN CONCENTRATION MIN. ABOVE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306
PERMIT NUMBER

TX1 Y
DISCHARGE NUMBER

MAJOR

F - FINAL
YEARLY 7-DAY CHRONIC TOXIC

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
04 | 02 | 01 05 | 01 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
LF P/F LETH STATRE 7 DAY CHR PIMEPHALES TLP6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(9A)					
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PASS=0 FAIL=1		ANNUAL	COMP24		
NOEL LETHAL STATRE 7 DAY CHR PIMEPHALES TOP6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(23)					
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ANNUAL	COMP24		
NOEL SUB-LTH STATRE 7DAY CHR PIMEPHALES TPP6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****	*****	(23)					
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ANNUAL	COMP24		
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Roy A. Torres Manager, Operations TYPED OR PRINTED													
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.													
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Roy A. Torres</i>										TELEPHONE (505)5867637		DATE 05 02 09	
										area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(PASS = 0 FAIL = 1) REPORT PASS AS '0' OR REPORT FAIL AS '1' IN CONCENTRATION MIN. ABOVE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

TX2 S

DISCHARGE NUMBER

MAJOR

F - FINAL

1/6 MONTHS 7-DAY CHRONIC TOXIC

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
04 | 08 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LF P/F LETH STATRE 7 DAY CHR CERIODAPHNIA TLP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		0	*****	*****	(9A)	0	1/6 MONTH	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PASS=0 FAIL=1		ONCE/6MONTH	COMP24
NOEL LETHAL STATRE 7 DAY CHR CERIODAPHNIA TOP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		67	*****	*****	(23)	0	1/6 MONTH	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24
NOEL SUB-LTH STATRE 7DAY CHR CERIODAPHNI TPP3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		67	*****	*****	(23)	0	1/6 MONTH	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ONCE/6MONTH	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							(505)5867637	05 02 09	
									area code NUMBER	YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(PASS = 0 FAIL = 1) REPORT PASS AS '0' OR REPORT FAIL AS '1' IN CONCENTRATION MIN. ABOVE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

TX2 Y

DISCHARGE NUMBER

MAJOR

F - FINAL

YEARLY 7-DAY CHRONIC TOXICITY

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
04 | 02 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LF P/F LETH STATRE 7 DAY CHR PIMEPHALES TLP6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		0	*****	*****	(9A)	0	1/12 MONTH	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PASS=0 FAIL=1		ANNUAL	COMP24
NOEL LETHAL STATRE 7 DAY CHR PIMEPHALES TOP6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		50	*****	*****	(23)	0	1/12 MONTH	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		MONTH	COMP24
NOEL SUB-LTH STATRE 7DAY CHR PIMEPHALES TPP6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		38	*****	*****	(23)	0	1/12 MONTH	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT 7 DA MIN	*****	*****	PER-CENT		ANNUAL	COMP24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

FEB 11 2005

6W-EA-(1)

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>	TELEPHONE	DATE
Roy A. Torres			
Manager, Operations		(505)5867637	05 02 09
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	area code NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(PASS = 0 FAIL = 1) REPORT PASS AS '0' OR REPORT FAIL AS '1' IN CONCENTRATION MIN. ABOVE.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 01 DAY 01 TO YEAR 05 MO 01 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	2147	3220		*****	60	90		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****	(26)		*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		WEEKLY	GRAB	
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			(26)	*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	716	1073		*****	20	30		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00720 1 0 0	PERMIT REQUIREMENT	0.249	0.374		*****	0.007	0.01		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT			(26)	*****			(19)			
00951 1 0 0	PERMIT REQUIREMENT	107	107		*****	3.0	3.0		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	8.94	13.42		*****	0.25	0.375		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT			(26)	*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	0.107	0.157		*****	0.003	0.0044		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE		MO AVG	DAILY MX	LBS/DY		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE	DATE	
<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>									<p><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE</p> <p>OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637</p> <p>area code NUMBER</p>	<p>05 02 09</p> <p>YEAR MO DAY</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

FEB 11 2005

6W-EA-(1)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

F - FINAL
PROCESS WATER

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 01 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.47 MO AVG	2.22 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY	MG/L		WEEKLY	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	21.5 MO AVG	21.5 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	1.1 MO AVG	1.65 DAILY MX	LBS/DY	*****	0.031 MO AVG	0.046 DAILY MX	MG/L		WEEKLY	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	53.7 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	35.8 MO AVG	71.6 DAILY MX	LBS/DY	*****	1.0 MO AVG	2.0 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	7.16 MO AVG	7.16 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			(26)	*****			(19)			
	PERMIT REQUIREMENT	2.075 MO AVG	3.11 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 <small>area code NUMBER</small>	05 02 09 <small>YEAR MO DAY</small>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED

FEB 11 2005

6W-EA-(1)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

NM0022306

PERMIT NUMBER

001 A

DISCHARGE NUMBER

F - FINAL

PROCESS WATER

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 01 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALPHA, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****			(17)			
01501 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	19.8	29.7	PCI/L		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NO DISCHARGE			(3)	*****	*****	*****			
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE								****			
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT			(26)	*****			(19)			
71900 1 0 0	PERMIT REQUIREMENT	0.00057 MO AVG	0.00086 DAILY MX	LBS/DY	*****	0.000016 MO AVG	0.000024 DAILY MX	MG/L		WEEKLY	COMP24
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Roy A. Torres

Manager, Operations

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

TELEPHONE

(505)5867637

area code NUMBER

DATE

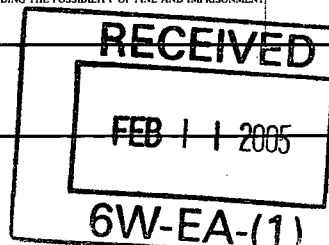
05 | 02 | 09

YEAR | MO | DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Roy A. Torres

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 01 DAY 01 TO YEAR 05 MO 01 DAY 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	37.21	37.21	(26) LBS/DY	*****	<10	<10	(19) MG/L	0	1/30	COMP24	
00340 1 0 0	PERMIT REQUIREMENT	175 MO AVG	263 DAILY MX	LBS/DY	*****	60 MO AVG	90 DAILY MX	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE												
PH	SAMPLE MEASUREMENT	*****	*****		7.31	*****	7.53	(12) SU	0	1/7	GRAB	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB	
EFFLUENT GROSS VALUE												
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	14.88	14.88	(26) LBS/DY	*****	<4.0	<4.0	(19) MG/L	0	1/30	COMP24	
00530 1 0 0	PERMIT REQUIREMENT	58 MO AVG	87.6 DAILY MX	LBS/DY	*****	20 MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE												
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
00720 1 0 0	PERMIT REQUIREMENT	0.0429 MO AVG	0.064 DAILY MX	LBS/DY	*****	0.0147 MO AVG	0.022 DAILY MX	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE												
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT	5.20	5.20	(26) LBS/DY	*****	1.40	1.40	(19) MG/L	0	1/30	COMP24	
00951 1 0 0	PERMIT REQUIREMENT	8.75 MO AVG	8.75 DAILY MX	LBS/DY	*****	3.0 MO AVG	3.0 DAILY MX	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE												
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01002 1 0 0	PERMIT REQUIREMENT	1.25 MO AVG	1.88 DAILY MX	LBS/DY	*****	0.429 MO AVG	0.644 DAILY MX	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE												
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24	
01027 1 0 0	PERMIT REQUIREMENT	0.014 MO AVG	0.02 DAILY MX	LBS/DY	*****	0.0048 MO AVG	0.007 DAILY MX	MG/L		ONCE/MONTH	COMP24	
EFFLUENT GROSS VALUE												
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>							TELEPHONE		DATE	
<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>									<p><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>		<p>(505)5867637</p> <p>area code NUMBER</p>	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

FEB 11 2005

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306 002 A
PERMIT NUMBER DISCHARGE NUMBER

MAJOR

F - FINAL
SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM 05 01 01 TO 05 01 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.12 MO AVG	0.18 DAILY MX	LBS/DY	*****	0.041 MO AVG	0.062 DAILY MX	MG/L		ONCE/MONTH	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.372	0.372	(26) LBS/DY	*****	<0.1	<0.1	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	1.75 MO AVG	1.75 DAILY MX	LBS/DY	*****	0.6 MO AVG	0.6 DAILY MX	MG/L		ONCE/MONTH	COMP24
LEAD, TOTAL (AS PB) 01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.63 MO AVG	0.95 DAILY MX	LBS/DY	*****	0.216 MO AVG	0.325 DAILY MX	MG/L		ONCE/MONTH	COMP24
MANGANESE, TOTAL (AS MN) 01055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.75	1.75	(26) LBS/DY	*****	0.47	0.47	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	2.9 MO AVG	4.38 DAILY MX	LBS/DY	*****	1.0 MO AVG	1.5 DAILY MX	MG/L		ONCE/MONTH	COMP24
MOLYBDENUM, TOTAL (AS MO) 01062 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.47	4.47	(26) LBS/DY	*****	1.20	1.20	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	9.6 MO AVG	14.7 DAILY MX	LBS/DY	*****	3.3 MO AVG	5.03 DAILY MX	MG/L		ONCE/MONTH	COMP24
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.58 MO AVG	0.58 DAILY MX	LBS/DY	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		ONCE/MONTH	COMP24
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP24
	PERMIT REQUIREMENT	0.169 MO AVG	0.254 DAILY MX	LBS/DY	*****	0.058 MO AVG	0.087 DAILY MX	MG/L		ONCE/MONTH	COMP24
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE	DATE	
Roy A. Torres									SIGNATURE OF PRINCIPAL EXECUTIVE	(505)5867637	05 02 09
Manager, Operations									OFFICER OR AUTHORIZED AGENT	area code NUMBER	YEAR MO DAY
TYPED OR PRINTED											

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

RECEIVED

FEB 11 2005

6W-EA-(1)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

002 A

DISCHARGE NUMBER

MAJOR

F - FINAL

SEEPAGE FR/TAILINGS IMPOUNDMENT

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 01 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.456	0.503	(03) MGD	*****	*****	*****		0	CONTINUOUS	RCORDR
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*****	0	0	(19) MG/L	0	1/30	COMP 4
	PERMIT REQUIREMENT	0.000336 MO AVG	0.0005 DAILY MX	LBS/DY	*****	0.00011 MO AVG	0.00017 DAILY MX	MG/L		ONCE/MONTH	COMP 24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

RECEIVED

FEB 11 2005

6W-EA-(1)

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	<p>Roy A. Torres</p> <p>Manager, Operations</p> <p>TYPED OR PRINTED</p>	TELEPHONE	DATE
	<p><i>Roy A. Torres</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>	<p>(505)5867637</p> <p>area code NUMBER</p>	<p>05 02 09</p> <p>YEAR MO DAY</p>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

AO 01-1204 EFF. 2/2/01 CONTAINED INTERIM LIMIT FOR TOTAL MANGANESE.

PERMITTEE NAME/ADDRESS: (include facility name/location if different)

NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

Revised

NM0022306
PERMIT NUMBER

004 A
DISCHARGE NUMBER

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 01 DAY 01 TO YEAR 05 MO 01 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED FEB 11 2005 6W-EA-(1) </div>							TELEPHONE	DATE	
Roy A. Torres											
Manager, Operations											
TYPED OR PRINTED		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6W-EA-(1) </div>							<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6W-EA-(1) </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6W-EA-(1) </div>	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6W-EA-(1) </div>							<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6W-EA-(1) </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6W-EA-(1) </div>	

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(505)5867637

05 | 02 | 09

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

004 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM


ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 01 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)					
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24		
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)					
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24		
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)					
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24		
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)					
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****						
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD		
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)					
	PERMIT REQUIREMENT	*****	*****		*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24		
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)					
	PERMIT REQUIREMENT	*****	*****		*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24		
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL INFORMATION HEREIN WAS PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER, RECORD, AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO GATHERED THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.								TELEPHONE		DATE	
Roy A. Torres													
Manager, Operations										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637	
TYPED OR PRINTED										area code NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: MOLYCORP INC. QUESTA DIV.

ADDRESS: P.O BOX 469

QUESTA,

NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NM0022306

PERMIT NUMBER

005 A

DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS

NM

ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR 05 MO 01 DAY 01 TO YEAR 05 MO 01 DAY 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00340 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	125	125			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
PH	SAMPLE MEASUREMENT	*****	*****			*****		(12)			
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			DAILY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
00530 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01002 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.48	0.644			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01027 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.0037	0.0055			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01042 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.033	0.049			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****			(19)			
01051 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.3	0.455			DAILY	COMP24
EFFLUENT GROSS VALUE				****		MO AVG	DAILY MX	MG/L			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED FEB 11 2005 6W-EA-(1) </div>							TELEPHONE	DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(505)5867637 <small>area code NUMBER</small>	05 02 09 <small>YEAR MO DAY</small>

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) WHEN DISCHARGING.

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)
NAME: MOLYCORP INC. QUESTA DIV.
ADDRESS: P.O BOX 469
QUESTA, NM 87556

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

NM0022306
PERMIT NUMBER

005 A
DISCHARGE NUMBER

MAJOR

F - FINAL
MINE DRAINAGE

FACILITY: MOLYCORP INC. QUESTA DIVISION

LOCATION: TAOS NM
ATTN: ROY TORRES, MANAGER/OPERATIONS

MONITORING PERIOD

FROM YEAR | MO | DAY TO YEAR | MO | DAY
05 | 01 | 01 TO 05 | 01 | 31

*** NO DISCHARGE ☒ ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
SILVER, TOTAL (AS AG) 01077 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.003 MO AVG	0.005 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
ZINC, TOTAL (AS ZN) 01092 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.2 MO AVG	0.2 DAILY MX	MG/L		DAILY	COMP24	
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.5 MO AVG	0.75 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NO DISCHARGE		(3)	*****	*****	*****					
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	MEASRD	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.0127 MO AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	COMP24	
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			(19)				
	PERMIT REQUIREMENT	*****	*****	****	*****	0.0016 MO AVG	0.0024 DAILY MX	MG/L		DAILY	COMP24	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.							TELEPHONE		DATE	
Roy A. Torres Manager, Operations TYPED OR PRINTED		6W-EA-(1) FEB 11 2005 RECEIVED							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		(505)5867637 area code NUMBER	
									05 02 09 YEAR MO DAY			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
WHEN DISCHARGING.

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

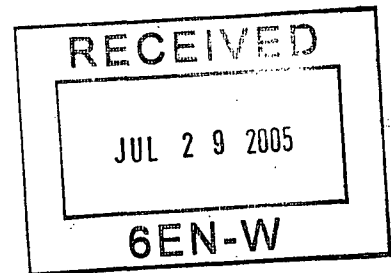


CERTIFIED MAIL RETURN RECEIPT

July 26, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: 5 – Day Report NPDES Permit No. NM0022306 ✓
Tailings Pumpback System – Power Failure
Molycorp Inc. Questa, NM



Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on July 22, 2005.

On July 21, 2005 at approximately 3:40 PM the Tailings Pumpback System experienced a short power outage causing the system's pump to shut off. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of approximately 22,000 gallons of water to permitted Outfall 002. Molycorp's investigation determined the cause of the failure was a power outage which caused the main breaker associated with the pump to trip. As a result, the pump failed to restart when the backup generator initiated backup power. The pump also failed to restart when normal power was restored. As soon as Molycorp personnel became aware of the situation the breaker was quickly reset and the Pumpback system was returned to service by 8:20 PM on the same day.

The overflow condition lasted for a total of 4 hours and 40 minutes. Sampling was attempted, but due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

2 - AD & AO mail
3 - Data's
1 - Mr. Lee Log
1 - MCR
1 - Normal Release
1 - 601
AUG 23 2005
D. J. Smith

In response to this situation, Molycorp has completed the following actions:

1. The breaker was quickly reset and the pumpback system was immediately returned service.
2. Testing of the system was conducted on Monday, July 25, 2005 by shutting off the power supplied from main power grid which supplies power to the pumpback system. As expected the backup generator immediately initiated backup power and the pump immediately became operational. This type of testing is conducted on a monthly basis and records supporting this action are retained by Molycorp personnel.

Molycorp has evaluated the potential for the incident to cause an exceedance of the NPDES permit limitations for manganese and fluoride, the only two parameters that have any probability of approaching permit limits. The potential for an exceedance was calculated using July 2003 water chemistry, and flow data collected from Outfall 002 on July 21, 2005. The data is representative of the chemistry at Outfall 002 during an overflow from the Tailings Pumpback System. Based on our evaluation of manganese and fluoride concentrations, the loading limits were not exceeded as a result of this incident. These calculations are presented in the table below. Furthermore Molycorp has calculated that during the system down time of 4 hours and 40 minutes that the calculated load for manganese would be approximately 2.87 lbs/dy which is below the permit effluent limitations for manganese.

July 21, 2005 Tailings Pumpback System Power Outage Load Scenario

Date	Average 24-Hour Flow	Past Manganese Result March 03 (mg/L)	Past Fluoride Result March 03 (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
7/21/05	366.4	0.64	1.4	2.82	2.9/4.38	8.75/8.75	6.16

Note: Calculated Loads based on July Analytical results and July 21, 2005 flow Data Recorded at Outfall 002.

This type of failure is a rare occurrence and Molycorp is in the process of evaluating an upgrade to the main circuit breaker that will reset the circuit breaker automatically during a power surge. The current system has been reliable and a review of internal records revealed that it has functioned as designed approximately 10 times since the backup generator was installed in February 2005.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

D Sonia

Molycorp Inc.

3.5 Miles East of Questa on State Road. 38
PO Box 469
Questa, NM 87556-0469
(505) -586-7637

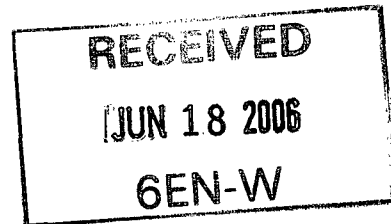
Molycorp

CERTIFIED MAIL RETURN RECEIPT

July 14, 2006

- 1 - Permit/CD
- 2 - AC & AO mail
- 3 - DMR's
- 4 - Vio. Sum. Log
- 5 - NCR
- 6 - Correspondence
- 7 - CRAS

Ms. Sonia Hall
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: NPDES Permit NM0022306
Outfall 002 Fluoride Analysis Issue
Molycorp Inc. Questa Division**

Dear Ms. Hall:

This letter will serve as a written report under NPDES Permit NM0022306 regarding the incident that was verbally reported to Mr. Taylor Sharpe, Ms. Diana McDonald of the Environmental Protection Agency (EPA) and Mr. Rich Powell of the New Mexico Environment Department (NMED) Surface Water Quality Bureau on July 10, 2006.

On the afternoon of July 9, 2006, Molycorp calculated the load limits for permitted Outfall 002 from a 24-hour composite sample collected June 8 to June 9, 2006. Initial results based on laboratory analysis indicated a fluoride concentration of 1.90 milligrams per liter (mg/L) and a calculated load of 9.66 pounds per day (lbs/day). Based on this calculation it appeared the resulting fluoride load exceeded the daily maximum and monthly average effluent loading limit of 8.75 lbs/day as specified in the NPDES permit for this parameter.

Based on the previous 12 months of data, Molycorp believed this result to be unrepresentative. Specifically, the previous 12 monthly fluoride analyses for Outfall 002 averaged 1.35 mg/L. To further address the issue, Molycorp requested Paragon Analytics (our external laboratory) to reanalyze the same sample for fluoride on July 11, 2006. The laboratory's second run was lower than the original sample result. The reanalysis indicated a fluoride concentration of 1.4 mg/L.

The calculated load from the reanalysis is 7.11 lbs/day and is below the permitted effluent load limit for fluoride.

Molycorp believes that the original sample result of 1.90 mg/L was suspect. According to Paragon Analytics, there was electrode drift caused by unrelated samples with high fluoride concentrations that were analyzed prior to the Molycorp Outfall 002 sample. Thus, these sample results were biased high and subsequent calculations were not representative of actual loading. In addition, neither fluoride result would cause or contribute to an exceedence of applicable surface water quality standards, nor would either result have exceeded applicable concentration-based drinking water standards. In sum, Molycorp does not believe that this incident violated its NPDES permit or resulted in adverse environmental impacts to the receiving waters (the Red River). Furthermore, the reanalysis result of 1.4 mg/L will be used and included in the June 2006 Discharge Monitoring Reports (DMRs) for outfall 002.

Nevertheless, in response to this incident, Molycorp collected an additional 24-hour composite sample for fluoride at Outfall 002 on July 9, 2006. The results of this analysis are pending and will be provided pursuant to Section III.D.5 of the permit with the next monthly discharge monitoring report.

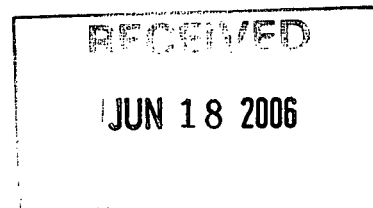
Should you have any questions or require additional information, please contact Armando Martinez at (505) 586-7638 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division



Ms. Sonia Hall
Outfall 002 Fluoride Analysis Issue
Page 3

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Diana McDonald, EPA Region 6
Scott Honan, Molycorp

RECEIVED

JUN 18 2006

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

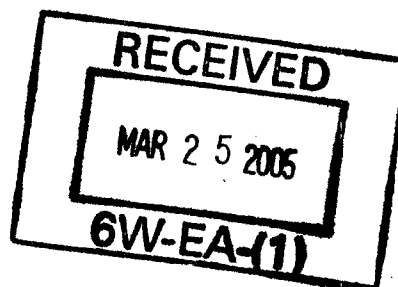
OWS.



CERTIFIED MAIL RETURN RECEIPT

March 21, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 - Day Report NPDES Permit No. NM0022306
Tailings Pumpback System - Control Power Fuse Failure
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on March 17, 2005 via voicemail and email.

On March 16, 2005 at approximately 9:50 a.m. the Tailings Pumpback System malfunctioned causing the system's pump to shut off. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of approximately 6,000 gallons of water to permitted Outfall 002. Molycorp's investigation determined the cause of the malfunction was a fuse associated with the control power system which apparently had an intermittent connection in it causing the system to fail. The system was quickly repaired and the Pumpback system was returned to service by 11:30 a.m. on the same day.

The overflow condition lasted for a total of 1 hour and 40 minutes. Due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

In response to this situation, Molycorp has completed the following actions:

- 1 - Permit/CD
- 2 - AO & AO matl
- 3 - DM's
- 4 - V. Sum. Log
- 5 - NC
- 6 - Correspondence
- 7 - CRAS
- 8 - Data Filed
- 9 - Clerk's Inits.

APR 20 2005

1. The fuse associated with the control power was replaced and the pumpback system was immediately returned service.

Molycorp has evaluated the potential for the incident to cause an exceedance of the NPDES permit limitations for manganese and fluoride, the only two parameters that have any probability of approaching permit limits. The potential for an exceedance was calculated using March 2003 water chemistry, and flow data collected from Outfall 002 on March 16, 2005. The data is representative of the chemistry at Outfall 002 during an overflow from the Tailings Pumpback System. Based on our evaluation of manganese and fluoride concentrations, the loading limits were not exceeded as a result of this incident.

March 16, 2005 Tailings Pumpback System Control Power Fuse Malfunction Load Scenario

Date	Average 24-Hour Flow	Past Manganese Result March 03 (mg/L)	Past Fluoride Result March 03 (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
3/16/2005	283.1	0.67	1.3	2.28	2.9/4.38	8.75/8.75	4.42

Note: Calculated Loads based on March 2003 Analytical results and March 16, 2005 flow Data Recorded at Outfall 002.

Molycorp believes that this type of malfunction which caused the incident could not have been prevented by regular maintenance, in that the fuse was not burnt out when tested. It is unlikely that this type of malfunction will occur in future.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

Ms. Waudelle Strickley

5 - Day Report NPDES Permit No. NM0022306

March 21, 2005

Page 3

C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

① WS

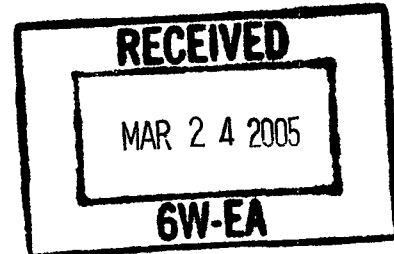
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

March 21, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 – Day Report NPDES Permit No. NM0022306
Tailings Pumpback System - Control Power Fuse Failure
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on March 17, 2005 via voicemail and email.

On March 16, 2005 at approximately 9:50 a.m. the Tailings Pumpback System malfunctioned causing the system's pump to shut off. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of approximately 6,000 gallons of water to permitted Outfall 002. Molycorp's investigation determined the cause of the malfunction was a fuse associated with the control power system which apparently had an intermittent connection in it causing the system to fail. The system was quickly repaired and the Pumpback system was returned to service by 11:30 a.m. on the same day.

The overflow condition lasted for a total of 1 hour and 40 minutes. Due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

In response to this situation, Molycorp has completed the following actions:

- 1 - Permit/CD
- 2 - AQ & AQ matt
- 3 - DMP
- 4 - 1/2 Sum. Log
- 5 - NCR
- 6 - Correspondence
- 7 - CBA's
- 8 - Date Filed
- 9 - Clerk's Inits.

1. The fuse associated with the control power was replaced and the pumpback system was immediately returned service.

Molycorp has evaluated the potential for the incident to cause an exceedance of the NPDES permit limitations for manganese and fluoride, the only two parameters that have any probability of approaching permit limits. The potential for an exceedance was calculated using March 2003 water chemistry, and flow data collected from Outfall 002 on March 16, 2005. The data is representative of the chemistry at Outfall 002 during an overflow from the Tailings Pumpback System. Based on our evaluation of manganese and fluoride concentrations, the loading limits were not exceeded as a result of this incident.

March 16, 2005 Tailings Pumpback System Control Power Fuse Malfunction Load Scenario

Date	Average 24-Hour Flow	Past Manganese Result March 03 (mg/L)	Past Fluoride Result March 03 (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
3/16/2005	283.1	0.67	1.3	2.28	2.9/4.38	8.75/8.75	4.42

Note: Calculated Loads based on March 2003 Analytical results and March 16, 2005 flow Data Recorded at Outfall 002.

Molycorp believes that this type of malfunction which caused the incident could not have been prevented by regular maintenance, in that the fuse was not burnt out when tested. It is unlikely that this type of malfunction will occur in future.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

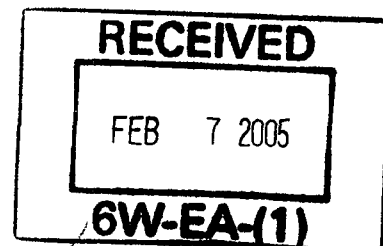
WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

February 4, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: Follow up to 5 – Day Reports NPDES Permit No. NM0022306
Tailings Pumpback System Sensor Failure, December, 27 2004
Tailings Pumpback System Power Failure, December 28, 2004
Molycorp Inc.**

1 - Permit/CD
2 - AG & AG matl
3 - DWR's
4 - Vic. Sum. Log
5 - NRR
6 - Correspondence
7 - CRAN
Date Filed
Clerk's Inits.

Dear Ms. Strickley:

This letter is intended as a follow up to the 5 – Day report regarding a sensor failure dated December 28, 2004 and a second 5 – Day report regarding a power outage dated December 30, 2004. Both reports were related to the Tailings Pumpback System at Molycorp's Questa facility. Based on the analysis presented below, Molycorp believes that the two incidents in December 2004 did not cause the NPDES permit concentration or loading limitations to be exceeded at Outfall 002.

As detailed in the 5 – Day reports submitted in December 2004, water overflowed and bypassed the Tailings pumpback system for 1 hour and 59 minutes on December 27, 2004 and again on December 28, 2004 for 1 hour and 35 minutes. Due to the short and unplanned nature of the overflow, it was not possible to obtain samples of the overflow water stream. As a result Molycorp evaluated the potential for the two incidents to cause an exceedance of the NPDES permit limitations for Manganese and Fluoride, the only two parameters that had any probability of approaching permit limits. The potential for an exceedance was calculated using historical chemistry, flow data collected from Outfall 002, and data collected during an anticipated bypass event in late November and early December. That data is representative of the chemistry at Outfall 002 during an overflow from Tailings pumpback system. Molycorp calculated Manganese and Fluoride concentrations and loadings using the three potential worst case scenarios outlined below. Analyzing the three scenarios, Molycorp reached the

same conclusion; Manganese and Fluoride concentrations and loading limits were not exceeded as a result of either incident.

Scenario 1:

For Scenario 1, Molycorp used 24-hour composite sampling chemistry data from Outfall 002 for Manganese and Fluoride from December 2003 in which the Tailings pumpback system was not in operation. Molycorp calculated loadings based on total flow recorded at Outfall 002 during the two incidents in December 2004 and the December 2003 chemistry data. Based on this scenario, Molycorp did not exceed the Mn and F concentrations and loading limits. The results are represented in the following table. Note that the analysis conservatively assumes that the incidents occurred for a 24-hour period; the actual incidents were much shorter.

Scenario 1

Date	Average 24-Hour Flow (GPM)	Past Manganese Result December 03 (mg/L)	Past Fluoride Result December 03 (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
12/27/2004	306	0.67	1.5	2.46	2.9/4.38	8.75/8.75	5.51
12/28/2004	331	0.67	1.5	2.66	2.9/4.38	8.75/8.75	5.96

Note: Calculated Loads based on December 2003 Analytical results and December 2004 flow Data Recorded at Outfall 002. The max flow rate recorded at outfall 002 for December 28, 2004 was used instead for the average 24-hour flow for the December 28, 2004 calculated loads.

Scenario 2:

For Scenario 2, Molycorp used 24-hour composite sampling chemistry data from Outfall 002 for Manganese and Fluoride from January 2004, before the Tailings pumpback system was put into operation. The data is representative of the chemistry at Outfall 002 during an overflow from the Tailings pumpback system. The loadings were calculated based on total flow recorded at Outfall 002 during the two incidents in December 2004 and the January 2004 chemistry data. Based on this scenario, Molycorp did not exceed the Mn and F concentrations and loading limits. The results are represented in the following table. Note that the analysis conservatively assumes that the incidents occurred for a 24-hour period; the actual incidents were much shorter.

Scenario 2

Date	Average 24-Hour Flow (GPM)	Past Manganese Result January 04 (mg/L)	Past Fluoride Result January 04 (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
12/27/2004	306	0.615	1.5	2.26	2.9/4.38	8.75/8.75	5.51
12/28/2004	331	0.615	1.5	2.45	2.9/4.38	8.75/8.75	5.96

Note: Calculated Loads based on January 2004 Analytical results and December 2004 flow Data Recorded at Outfall 002. The max flow rate recorded at outfall 002 for December 28, 2004 was used instead for the average 24-hour flow for the December 28, 2004 calculated loads.

Scenario 3:

For Scenario 3, Molycorp used results from the two 24-hour composite samples taken and the flow rates recorded during late November and early December 2004 when Molycorp shut down the Tailings pumpback system to work on the system. Details of the work are contained in the 5 – Day report dated December 8, 2004. Based on this scenario, Molycorp did not exceed the Mn and F concentrations and loading limits. The results are represented in the following table.

Scenario 3

Date	Average 24-Hour Flow (GPM)	24 Hour Composite Manganese Result (mg/L)	24 Hour Composite Fluoride Result (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
11/30/2004	267	0.61	1.7	0.99	2.9/4.38	8.75/8.75	5.45
12/3/2004	318	0.66	1.6	2.52	2.9/4.38	8.75/8.75	6.11

Note: Calculated Loads are based on Samples taken during the Anticipated Bypass of November 2004 and December 2004 Analytical Results and Flow Rates Recorded at Outfall 002

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Ms. Waudelle Strickley
Follow up to 5 – Day Reports NPDES Permit No. NM0022306
February 4, 2005
Page 4

Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

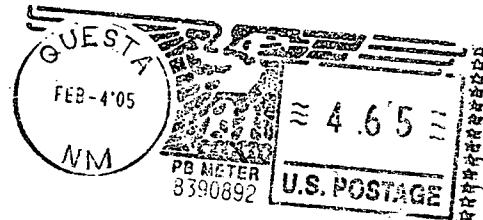
Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469

CERTIFIED MAIL



7001 2510 0002 6033 3997

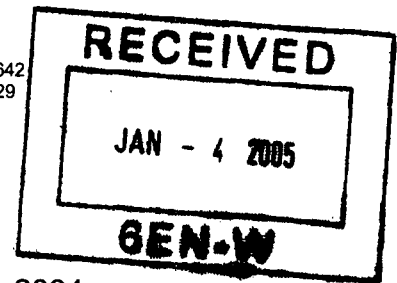


Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, TX 75202-2733

FEB 07 2005

Molycorp, Inc.
Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7642
Facsimile (714) 985-7429

Molycorp



Roy Torres
Manager, Operations

December 30, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**RE: 5 – Day Report NPDES Permit No. NM0022306
Power Outage at Tailings Pumpback System
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe and Allan Vaughn of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on December 29, 2004.

On December 28, 2004 at 12:05 PM, a power outage was experienced at the Questa tailings facility. This allowed water to overflow the tailings pumpback station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of approximately 7,980 gallons of water to outfall 002. Power was restored and the pumpback system was returned to service by 1:40 PM on the same day. An investigation into the cause of the power outage concluded that it was the result of a failure at the Kit Carson electric Coop utility substation.

In response to this situation, Molycorp has completed the following actions:

1. The tailings pumpback system was returned to service as soon as power was restored to the tailings facility by the local electric utility.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

JAN 28 2005

1 - Permit/SD
2 - AQ 5 AQ matl
3 - PM's
4 - Com. log
5 - Correspondence
6 - CRAS
7 - Data Filed
8 - Other's Ints.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy Torres".

Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Allan Vaughn, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

① W.S.

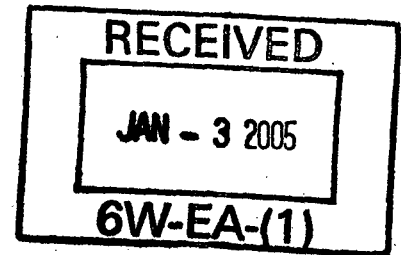
Molycorp, Inc.
Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7642
Facsimile (714) 985-7429

Molycorp

Roy Torres
Manager, Operations

December 30, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 - Day Report NPDES Permit No. NM0022306
Power Outage at Tailings Pumpback System
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe and Allan Vaughn of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on December 29, 2004.

On December 28, 2004 at 12:05 PM, a power outage was experienced at the Questa tailings facility. This allowed water to overflow the tailings pumpback station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of approximately 7,980 gallons of water to outfall 002. Power was restored and the pumpback system was returned to service by 1:40 PM on the same day. An investigation into the cause of the power outage concluded that it was the result of a failure at the Kit Carson electric Coop utility substation.

In response to this situation, Molycorp has completed the following actions:

1. The tailings pumpback system was returned to service as soon as power was restored to the tailings facility by the local electric utility.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

1 - Permit/CD
2 - AD & AO matl
DMR's
Via. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

JAN 28 2005

Copy

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



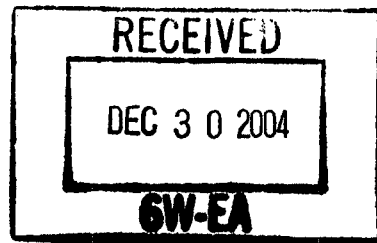
Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Allan Vaughn, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

Molycorp, Inc.
Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7642
Facsimile (714) 985-7429

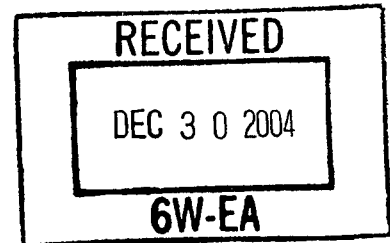
Molycorp

Roy Torres
Manager, Operations



December 28, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 - Day Report NPDES Permit No. NM0022306
Sensor Failure at Tailings Pumpback System
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe and Allan Vaughn of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on December 28, 2004.

On December 27, 2004 at 12:50 PM the sonar level control sensor failed at the tailings pumpback pump station. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of 9,996 gallons of water to outfall 002. The level sensor was replaced and the pumpback system was returned to service by 4:00 PM on the same day.

During those 3 hours and 10 minutes maintenance activities were taking place and the pump was run periodically to determine the nature of the problem. The water flow instrumentation at the pumpback station indicates that an overflow condition lasted for a total of 1 hour and 59 minutes during this time period. Due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

JAN 28 2005

3 - DWR's
4 - Viol. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

In response to this situation, Molycorp has completed the following actions:

1. The failed sensor unit was replaced with a new sensor unit, and the new unit was tested before the pumpback system was returned to service.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp
D. Sperling, Molycorp
A. VAGN, EPA ✓

Molycorp, Inc.

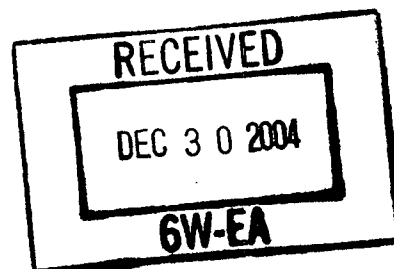
Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7642
Facsimile (714) 985-7429

Molycorp

Roy Torres
Manager, Operations

December 28, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 – Day Report NPDES Permit No. NM0022306
Sensor Failure at Tailings Pumpback System
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe and Allan Vaughn of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on December 28, 2004.

On December 27, 2004 at 12:50 PM the sonar level control sensor failed at the tailings pumpback pump station. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of 9,996 gallons of water to outfall 002. The level sensor was replaced and the pumpback system was returned to service by 4:00 PM on the same day.

During those 3 hours and 10 minutes maintenance activities were taking place and the pump was run periodically to determine the nature of the problem. The water flow instrumentation at the pumpback station indicates that an overflow condition lasted for a total of 1 hour and 59 minutes during this time period. Due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

Apprentice Cope

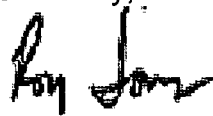
In response to this situation, Molycorp has completed the following actions:

1. The failed sensor unit was replaced with a new sensor unit, and the new unit was tested before the pumpback system was returned to service.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

- C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6 ✓
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp
D. Sperling, Molycorp

Molycorp, Inc.
Questa Division
P.O. Box 469
Questa, NM 87556
Telephone (505) 586-7642
Facsimile (714) 985-7429

Molycorp

Roy Torres
Manager, Operations

December 28, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 – Day Report NPDES Permit No. NM0022306
Sensor Failure at Tailings Pumpback System
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe and Allan Vaughn of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on December 28, 2004.

On December 27, 2004 at 12:50 PM the sonar level control sensor failed at the tailings pumpback pump station. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of 9,996 gallons of water to outfall 002. The level sensor was replaced and the pumpback system was returned to service by 4:00 PM on the same day.

During those 3 hours and 10 minutes maintenance activities were taking place and the pump was run periodically to determine the nature of the problem. The water flow instrumentation at the pumpback station indicates that an overflow condition lasted for a total of 1 hour and 59 minutes during this time period. Due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

Appears to be copy

2 - A
3 - B
4 - C
5 - D
6 - E
7 - F
8 - G
9 - H
10 - I
11 - J
12 - K
13 - L
14 - M
15 - N
16 - O
17 - P
18 - Q
19 - R
20 - S
21 - T
22 - U
23 - V
24 - W
25 - X
26 - Y
27 - Z
28 - AA
29 - AB
30 - AC
31 - AD
32 - AE
33 - AF
34 - AG
35 - AH
36 - AI
37 - AJ
38 - AK
39 - AL
40 - AM
41 - AN
42 - AO
43 - AP
44 - AQ
45 - AR
46 - AS
47 - AT
48 - AU
49 - AV
50 - AW
51 - AX
52 - AY
53 - AZ
54 - BA
55 - BB
56 - BC
57 - BD
58 - BE
59 - BF
60 - BG
61 - BH
62 - BI
63 - BJ
64 - BK
65 - BL
66 - BM
67 - BN
68 - BO
69 - BP
70 - BQ
71 - BR
72 - BS
73 - BT
74 - BU
75 - BV
76 - BW
77 - BX
78 - BY
79 - BZ
80 - CA
81 - CB
82 - CC
83 - CD
84 - CE
85 - CF
86 - CG
87 - CH
88 - CI
89 - CJ
90 - CK
91 - CL
92 - CM
93 - CN
94 - CO
95 - CP
96 - CQ
97 - CR
98 - CS
99 - CT
100 - CU
101 - CV
102 - CW
103 - CX
104 - CY
105 - CZ
106 - DA
107 - DB
108 - DC
109 - DD
110 - DE
111 - DF
112 - DG
113 - DH
114 - DI
115 - DJ
116 - DK
117 - DL
118 - DM
119 - DN
120 - DO
121 - DP
122 - DQ
123 - DR
124 - DS
125 - DT
126 - DU
127 - DV
128 - DW
129 - DX
130 - DY
131 - DZ
132 - EA
133 - EB
134 - EC
135 - ED
136 - EE
137 - EF
138 - EG
139 - EH
140 - EI
141 - EJ
142 - EK
143 - EL
144 - EM
145 - EN
146 - EO
147 - EP
148 - EQ
149 - ER
150 - ES
151 - ET
152 - EU
153 - EV
154 - EW
155 - EX
156 - EY
157 - EZ
158 - FA
159 - FB
160 - FC
161 - FD
162 - FE
163 - FF
164 - FG
165 - FH
166 - FI
167 - FJ
168 - FK
169 - FL
170 - FM
171 - FN
172 - FO
173 - FP
174 - FQ
175 - FR
176 - FS
177 - FT
178 - FU
179 - FV
180 - FW
181 - FX
182 - FY
183 - FZ
184 - GA
185 - GB
186 - GC
187 - GD
188 - GE
189 - GF
190 - GG
191 - GH
192 - GI
193 - GJ
194 - GK
195 - GL
196 - GM
197 - GN
198 - GO
199 - GP
200 - GQ
201 - GR
202 - GS
203 - GT
204 - GU
205 - GV
206 - GW
207 - GX
208 - GY
209 - GZ
210 - HA
211 - HB
212 - HC
213 - HD
214 - HE
215 - HF
216 - HG
217 - HH
218 - HI
219 - HJ
220 - HK
221 - HL
222 - HM
223 - HN
224 - HO
225 - HP
226 - HQ
227 - HR
228 - HS
229 - HT
230 - HU
231 - HV
232 - HW
233 - HX
234 - HY
235 - HZ
236 - IA
237 - IB
238 - IC
239 - ID
240 - IE
241 - IF
242 - IG
243 - IH
244 - II
245 - IJ
246 - IK
247 - IL
248 - IM
249 - IN
250 - IO
251 - IP
252 - IQ
253 - IR
254 - IS
255 - IT
256 - IU
257 - IV
258 - IW
259 - IX
260 - IY
261 - IZ
262 - JA
263 - JB
264 - JC
265 - JD
266 - JE
267 - JF
268 - JG
269 - JH
270 - JI
271 - JJ
272 - JK
273 - JL
274 - JM
275 - JN
276 - JO
277 - JP
278 - JQ
279 - JR
280 - JS
281 - JT
282 - JU
283 - JV
284 - JW
285 - JX
286 - JY
287 - JZ
288 - KA
289 - KB
290 - KC
291 - KD
292 - KE
293 - KF
294 - KG
295 - KH
296 - KI
297 - KJ
298 - KK
299 - KL
300 - KM
301 - KN
302 - KO
303 - KP
304 - KQ
305 - KR
306 - KS
307 - KT
308 - KU
309 - KV
310 - KW
311 - KX
312 - KY
313 - KZ
314 - LA
315 - LB
316 - LC
317 - LD
318 - LE
319 - LF
320 - LG
321 - LH
322 - LI
323 - LJ
324 - LK
325 - LL
326 - LM
327 - LN
328 - LO
329 - LP
330 - LQ
331 - LR
332 - LS
333 - LT
334 - LU
335 - LV
336 - LW
337 - LX
338 - LY
339 - LZ
340 - MA
341 - MB
342 - MC
343 - MD
344 - ME
345 - MF
346 - MG
347 - MH
348 - MI
349 - MJ
350 - MK
351 - ML
352 - MM
353 - MN
354 - MO
355 - MP
356 - MQ
357 - MR
358 - MS
359 - MT
360 - MU
361 - MV
362 - MW
363 - MX
364 - MY
365 - MZ
366 - NA
367 - NB
368 - NC
369 - ND
370 - NE
371 - NF
372 - NG
373 - NH
374 - NI
375 - NJ
376 - NK
377 - NL
378 - NM
379 - NO
380 - NP
381 - NQ
382 - NR
383 - NS
384 - NT
385 - NU
386 - NV
387 - NW
388 - NX
389 - NY
390 - NZ
391 - OA
392 - OB
393 - OC
394 - OD
395 - OE
396 - OF
397 - OG
398 - OH
399 - OI
400 - OJ
401 - OK
402 - OL
403 - OM
404 - ON
405 - OO
406 - OP
407 - OQ
408 - OR
409 - OS
410 - OT
411 - OU
412 - OV
413 - OW
414 - OX
415 - OY
416 - OZ
417 - PA
418 - PB
419 - PC
420 - PD
421 - PE
422 - PF
423 - PG
424 - PH
425 - PI
426 - PJ
427 - PK
428 - PL
429 - PM
430 - PN
431 - PO
432 - PP
433 - PQ
434 - PR
435 - PS
436 - PT
437 - PU
438 - PV
439 - PW
440 - PX
441 - PY
442 - PZ
443 - QA
444 - QB
445 - QC
446 - QD
447 - QE
448 - QF
449 - QG
450 - QH
451 - QI
452 - QJ
453 - QK
454 - QL
455 - QM
456 - QN
457 - QO
458 - QP
459 - QQ
460 - QR
461 - QS
462 - QT
463 - QU
464 - QV
465 - QW
466 - QX
467 - QY
468 - QZ
469 - RA
470 - RB
471 - RC
472 - RD
473 - RE
474 - RF
475 - RG
476 - RH
477 - RI
478 - RJ
479 - RK
480 - RL
481 - RM
482 - RN
483 - RO
484 - RP
485 - RQ
486 - RR
487 - RS
488 - RT
489 - RU
490 - RV
491 - RW
492 - RX
493 - RY
494 - RZ
495 - SA
496 - SB
497 - SC
498 - SD
499 - SE
500 - SF
501 - SG
502 - SH
503 - SI
504 - SJ
505 - SK
506 - SL
507 - SM
508 - SN
509 - SO
510 - SP
511 - SQ
512 - SR
513 - SS
514 - ST
515 - SU
516 - SV
517 - SW
518 - SX
519 - SY
520 - SZ
521 - TA
522 - TB
523 - TC
524 - TD
525 - TE
526 - TF
527 - TG
528 - TH
529 - TI
530 - TJ
531 - TK
532 - TL
533 - TM
534 - TN
535 - TO
536 - TP
537 - TQ
538 - TR
539 - TS
540 - TT
541 - TU
542 - TV
543 - TW
544 - TX
545 - TY
546 - TZ
547 - UA
548 - UB
549 - UC
550 - UD
551 - UE
552 - UF
553 - UG
554 - UH
555 - UI
556 - UJ
557 - UK
558 - UL
559 - UM
560 - UN
561 - UO
562 - UP
563 - UQ
564 - UR
565 - US
566 - UT
567 - UY
568 - UZ
569 - VA
570 - VB
571 - VC
572 - VD
573 - VE
574 - VF
575 - VG
576 - VH
577 - VI
578 - VJ
579 - VK
580 - VL
581 - VM
582 - VN
583 - VO
584 - VP
585 - VQ
586 - VR
587 - VS
588 - VT
589 - VU
590 - VV
591 - VW
592 - VX
593 - VY
594 - VZ
595 - WA
596 - WB
597 - WC
598 - WD
599 - WE
600 - WF
601 - WG
602 - WH
603 - WI
604 - WJ
605 - WK
606 - WL
607 - WM
608 - WN
609 - WO
610 - WP
611 - WQ
612 - WR
613 - WS
614 - WT
615 - WU
616 - WV
617 - WW
618 - WX
619 - WY
620 - WZ
621 - XA
622 - XB
623 - XC
624 - XD
625 - XE
626 - XF
627 - XG
628 - XH
629 - XI
630 - XJ
631 - XK
632 - XL
633 - XM
634 - XN
635 - XO
636 - XP
637 - XQ
638 - XR
639 - XS
640 - XT
641 - XU
642 - XV
643 - XW
644 - XX
645 - XY
646 - XZ
647 - YA
648 - YB
649 - YC
650 - YD
651 - YE
652 - YF
653 - YG
654 - YH
655 - YI
656 - YJ
657 - YK
658 - YL
659 - YM
660 - YN
661 - YO
662 - YP
663 - YQ
664 - YR
665 - YS
666 - YT
667 - YU
668 - YV
669 - YW
670 - YX
671 - YY
672 - YZ
673 - ZA
674 - ZB
675 - ZC
676 - ZD
677 - ZE
678 - ZF
679 - ZG
680 - ZH
681 - ZI
682 - ZJ
683 - ZK
684 - ZL
685 - ZM
686 - ZN
687 - ZO
688 - ZP
689 - ZQ
690 - ZR
691 - ZS
692 - ZT
693 - ZU
694 - ZV
695 - ZW
696 - ZX
697 - ZY
698 - ZZ

In response to this situation, Molycorp has completed the following actions:

1. The failed sensor unit was replaced with a new sensor unit, and the new unit was tested before the pumpback system was returned to service.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

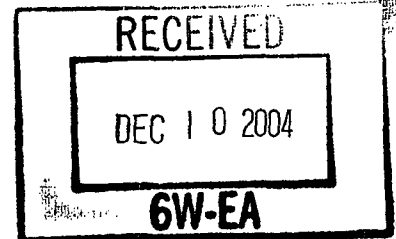


Roy Torres
Manager, Operations
Questa Division

- C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6 ✓
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp
D. Sperling, Molycorp

① WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL RETURN RECEIPT

December 8, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**RE: 5 - Day Report NPDES Permit No. NM0022306
Tailings Pumpback System Anticipated Bypass
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the anticipated bypass that occurred between November 29, 2004 through December 3, 2004 at Molycorp's Questa tailings facility. The bypass occurred in order to modify the Tailings pumpback system by installing a new primary pump and secondary back up pump associated with the Tailings pump back system. Molycorp verbally notified EPA on November 17, 2004 of the anticipated bypass as required under NPDES permit NM0022306 Part III.B.4.b.(1). A second verbal notification regarding the anticipated bypass was provided to Mr. Taylor Sharpe of the EPA and to Mr. Richard E. Powell of the NMED Surface Water Quality Bureau on November 24, 2004 via email. A follow-up verbal report was made to Mr. Taylor Sharpe and Mr. Richard E. Powell on December 1, 2004 regarding the status of the proposed modifications that were the subject of the anticipated bypass notification.

The purpose of the Tailings pumpback system modification was to install a higher pumping capacity primary pump and to install a secondary backup pump. The secondary backup pump was intended to serve as a back pump in the event of a primary pump failure. Molycorp believes that this will help reduce the potential for future unanticipated bypasses or upset conditions from occurring. As a result of the system modification, seepage that would have been pumped to the tailings impoundment was discharged through Outfall 002. During the modification Molycorp encountered difficulties with the design of the modification and as a result the bypass was longer than anticipated. As a result of these difficulties, Molycorp has re-installed the old system in order to investigate and resolve

Permit/CD
As a result of the
- DWP's
- EPA Sum. Log
- MCR
- Correspondence
- CWS
Date Filed
DWP's tolls,


problems encountered with the proposed modifications. The pump back system was shut off on November 29, 2004 at 9:00 AM for a total time period of approximately 100 hours. The system was placed back into operation on December 3, 2004 at 1:00 PM. During the pump replacement 24-hour composite samples were taken on November 29, 2004 and December 2, 2004 at Outfall 002. Results for the sample taken in November will be provided in the November 2004 Outfall 002 discharge monitoring report. Results for the sample taken in December will be provided in the December 2004 Outfall 002 discharge monitoring report.

Molycorp anticipates that the difficulties encountered with the proposed modifications will soon be resolved, and that Molycorp's intent is to complete the pumpback system modifications shortly. In addition, we will provide EPA with another anticipated bypass notification.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

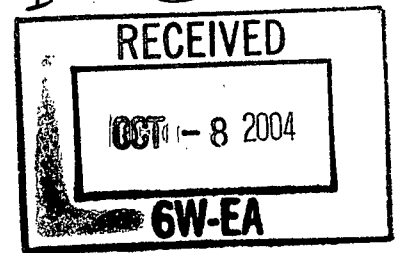


Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
A. Martinez, Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL RETURN RECEIPT

October 4, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**RE: 5 - Day Report NPDES Permit No. NM0022306
Mill Yard Catchment Pond Storm Water Pipeline Discharge
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the Mill yard catchment pond storm water pipeline discharge that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard E. Powell of the NMED Surface Water Quality Bureau on September 29, 2004.

On September 28, 2004, a substantial storm event (1.56 in) occurred in the vicinity of Molycorp's Questa operations. During the storm at 8:00 p.m., a 30 horsepower pump located in the Mill yard catchment pond was activated to move water from a storm water catchment pond to the Mill facility. The Mill yard catchment pond functions to capture storm water runoff from the vicinity of the crushing plant and milling complex. If the catchment pond is not de-watered, storm water could discharge through permitted outfall 005.

The storm water is pumped through a pipeline to the mill facility. The area of the pipeline in question during this event consists of a section of 2" pipeline that is inserted into a section of 4" pipeline. This pipeline was only a temporary setup for maintenance purposes. At some point during the storm event the two pipelines became separated. As a result, storm water was discharged from the 2" pipeline and did not reach the Milling facility. The storm water was discharged from the South Eastern side of the mill facility and subsequently into the Red River. Based on a worst case scenario an estimated maximum volume

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vic. Sum. Log
5 - NOR
6 - Correspondence
7 - CRAS
8 - Filed
9 - Clerk's Inits.

OCT 26 2004

of approximately 94,500 gallons of storm water was discharged; it is unclear how much of that volume discharged into the Red River.

Samples and field measurements for pH and conductivity were taken from the storm water that remained impounded in the Mill yard catchment pond after the storm event. The pH of the water was 6.98 SU, and conductivity, 369 uS/cm. Molycorp will provide EPA with the analytical results from the external laboratory when they become available.

In response to this situation, Molycorp has completed the following actions:

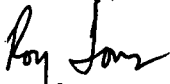
1. Upon discovery of this situation on the morning of September 29, the pump was immediately shut-off. The shut-off occurred at approximately 7:15 a.m.
2. A second pump and pipeline were activated to pump the remaining storm water from the Mill yard catchment pond.

Molycorp will re-couple the pipeline and inspect it periodically to avoid future discharges.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau

Taylor Sharp, EPA Region 6
Mike Reed, NMED – Ground Water Quality Bureau
S. Honan, Molycorp
A. Martinez, Molycorp

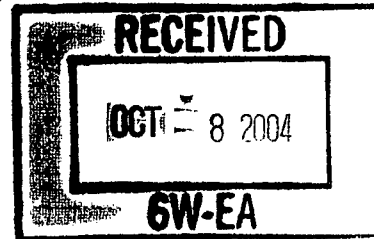
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

October 4, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 – Day Report NPDES Permit No. NM0022306
Mill Yard Catchment Pond Storm Water Pipeline Discharge
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the Mill yard catchment pond storm water pipeline discharge that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard E. Powell of the NMED Surface Water Quality Bureau on September 29, 2004.

On September 28, 2004, a substantial storm event (1.56 in) occurred in the vicinity of Molycorp's Questa operations. During the storm at 8:00 p.m., a 30 horsepower pump located in the Mill yard catchment pond was activated to move water from a storm water catchment pond to the Mill facility. The Mill yard catchment pond functions to capture storm water runoff from the vicinity of the crushing plant and milling complex. If the catchment pond is not de-watered, storm water could discharge through permitted outfall 005.

The storm water is pumped through a pipeline to the mill facility. The area of the pipeline in question during this event consists of a section of 2" pipeline that is inserted into a section of 4" pipeline. This pipeline was only a temporary setup for maintenance purposes. At some point during the storm event the two pipelines became separated. As a result, storm water was discharged from the 2" pipeline and did not reach the Milling facility. The storm water was discharged from the South Eastern side of the mill facility and subsequently into the Red River. Based on a worst case scenario an estimated maximum volume

Permit/CD
2 - AD & AD matl
3 - DAP's
4 - Vio. Sum. Log
5 - WCA
6 - Correspondence
7 - OWS
8 - Site Filed
9 - Clerk's Inits.

NOV 23 2004

of approximately 94,500 gallons of storm water was discharged; it is unclear how much of that volume discharged into the Red River.

Samples and field measurements for pH and conductivity were taken from the storm water that remained impounded in the Mill yard catchment pond after the storm event. The pH of the water was 6.98 SU, and conductivity, 369 uS/cm. Molycorp will provide EPA with the analytical results from the external laboratory when they become available.

In response to this situation, Molycorp has completed the following actions:


1. Upon discovery of this situation on the morning of September 29, the pump was immediately shut-off. The shut-off occurred at approximately 7:15 a.m.
2. A second pump and pipeline were activated to pump the remaining storm water from the Mill yard catchment pond.

Molycorp will re-couple the pipeline and inspect it periodically to avoid future discharges.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

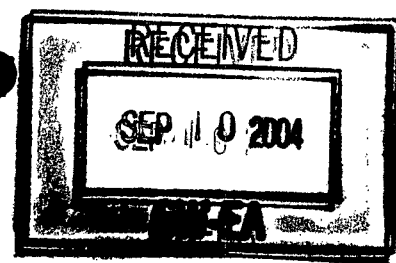
Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED - Surface Water Quality Bureau

Taylor Sharp, EPA Region 6
Mike Reed, NMED – Ground Water Quality Bureau
S. Honan, Molycorp
A. Martinez, Molycorp

**Molycorp, Inc.**

Lanthanide Group
67750 Bailey Road, P.O. Box 124
Mountain Pass, CA 92366
Telephone (760) 856-7656
Facsimile (760) 856-6691

Molycorp

Scott Honan
Supervisor, Environmental Compliance

September 10, 2004

Ms. Marcia Gail Bohling
Water Enforcement Branch (6EN-AS)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: Molycorp, Inc.
NPDES Permit No. NM0022306
Compliance Evaluation Inspection Report

1 - Permit/CD
2 - AO & AO matl
3 - BLM's
4 - V & Sum. Log
5 - NCI
6 - Correspondence
7 - Other
Date Filed
Clerk's Inits.

Dear Ms. Bohling:

I am writing to you regarding the NPDES inspection report dated August 25, 2004 that was recently submitted to your office by Mr. Richard Powell of the New Mexico Environment Department – Surface Water Quality Bureau. Mr. Powell did a thorough job of inspecting Molycorp's Questa facility on May 19, 2004, and produced a thoughtful and comprehensive report. However, there are several issues that Mr. Powell identifies in the report that Molycorp feels should be corrected for the permit file. I have summarized these issues below, using the section numbering from Mr. Powell's report:

Section C – Operations and Maintenance

The inspection report identifies Molycorp's performance in this area as "Marginal". This rating is based on the fact that Molycorp's seepage collection facilities are not equipped with an automatic back-up power source. During 2004, these facilities have been shut down for a total of 27.5 hours as a result of power failures or other operational problems. This represents an operating availability of greater than 99.5%. These incidents have been duly reported to both the USEPA and NMED, and there have not been any identified impacts to the receiving waters (the Red River) as a result of these incidents. Part III.B.3.a of permit NM0022306 requires Molycorp to provide a backup power system "only when the operation is necessary to achieve compliance with the conditions of this permit." There is no evidence that such a backup system is necessary to achieve permit compliance. Nor is there evidence that such a system is necessary to minimize upsets and discharges of excessive pollutants. Further, while a backup power source may alleviate some of the downtime that results from regional power outages, it

her last day
OCT 15 2004

is questionable whether such a system would substantially improve operating performance during the numerous thunderstorms that occur in the area. In short, Molycorp has made a diligent effort to maintain efficient and continuous operations of the seepage collection facilities, and this fact should be recognized in the permit file.

Section G – Effluent/Receiving Water Observations

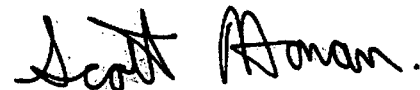
The inspection report identifies Molycorp's performance in this area as "Marginal". As the report notes, Part I.B of the permit prohibits "[t]he discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River . . . except in trace amounts." That part further states that "[i]mplementation of the Best Management Practices required by PART II.A of this permit will constitute compliance with this prohibition at Spring 13, Spring 39, and springs in the vicinity of the old mill site below the Sugar Shack South Deposit."

The report states that Molycorp has implemented the required BMPs. Therefore, compliance cannot be marginal. The report implies that Molycorp's efforts to identify, characterize and control seepage from sources at the Questa mine and mill site through Best Management Practices (BMPs) are not effective. In addition to the measures required by the permit, Molycorp has voluntarily installed three groundwater extraction well BMPs and two french drains BMPs in the vicinity of the Questa mine and mill site to intercept and capture seepage from the facility and other sources before it reaches the Red River. These BMPs were carefully selected to maximize the capture of low quality groundwater while minimizing hydrologic impacts to the Red River. There is no evidence to suggest that these BMPs are ineffective and that pollutants in greater than trace amounts are being discharged to the Red River from mine operations. Moreover, the concerns contained in the inspection report relate to groundwater impacts which are already the subject of regulation under Discharge Plans administered by the NMED's Ground Water Quality Bureau.

While the issues surrounding seepage into the Red River are complex, the issue for NPDES inspection purposes is whether or not the BMPs described in NM0022306 are operating properly. Molycorp's diligent efforts in this regard should be recognized.

Should you have any questions regarding the issues noted above, please contact me at 760.856.7656.

Sincerely,



Scott Honan

C: Taylor Sharpe, EPA Region VI
Waudelle Strickley, EPA Region VI
USEPA, NPDES Permits Branch (6WQ-P)
Rich Powell, NMED-SWQB
Roy Torres, Molycorp

SEPTEMBER 17, 2004

MEMORANDUM

SUBJECT: NPDES ADDENDA

FROM: MIKE MICHAUD
CHIEF
SURVEILLANCE SECTION (6EN-AS)

TO: ESTELLE ADAMS
CHIEF
NPDES COMPLIANCE MONITORING SECTION (6EN-WC)

THE ATTACHED NPDES ADDENDA PERTAINS TO PREVIOUSLY SUBMITTED REPORTS. THEY ARE BEING FORWARDED TO YOU FOR YOUR INFORMATION AND FILES.

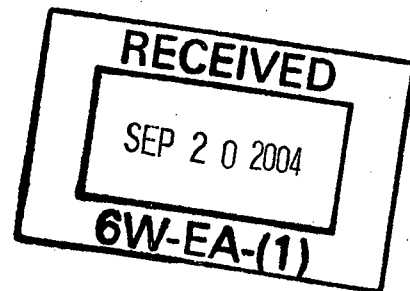
FACILITY

MOLYCORP, INC.

ATTACHMENT

PERMIT NO.

NM0022306 ✓



1 - Permit/CD
2 - AD & AO matl
3 - DMR
4 - Viol. & Log
5 - Correspondence
6 - CoAD
7 - Clerk's mits.

Molycorp, Inc.

Lanthanide Group
67750 Bailey Road, P.O. Box 124
Mountain Pass, CA 92366
Telephone (760) 856-7656
Facsimile (760) 856-6691

Molycorp

Scott Honan
Supervisor, Environmental Compliance

September 10, 2004

Ms. Marcia Gail Bohling
Water Enforcement Branch (6EN-AS)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RECEIVE

SEP 14 2004

Air/Toxics & Inspection
Coordination Branch
6EN-1A

RE: Molycorp, Inc.
NPDES Permit No. NM0022306
Compliance Evaluation Inspection Report

Dear Ms. Bohling:

I am writing to you regarding the NPDES inspection report dated August 25, 2004 that was recently submitted to your office by Mr. Richard Powell of the New Mexico Environment Department – Surface Water Quality Bureau. Mr. Powell did a thorough job of inspecting Molycorp's Questa facility on May 19, 2004, and produced a thoughtful and comprehensive report. However, there are several issues that Mr. Powell identifies in the report that Molycorp feels should be corrected for the permit file. I have summarized these issues below, using the section numbering from Mr. Powell's report:

Section C – Operations and Maintenance

The inspection report identifies Molycorp's performance in this area as "Marginal". This rating is based on the fact that Molycorp's seepage collection facilities are not equipped with an automatic back-up power source. During 2004, these facilities have been shut down for a total of 27.5 hours as a result of power failures or other operational problems. This represents an operating availability of greater than 99.5%. These incidents have been duly reported to both the USEPA and NMED, and there have not been any identified impacts to the receiving waters (the Red River) as a result of these incidents. Part III.B.3.a of permit NM0022306 requires Molycorp to provide a backup power system "only when the operation is necessary to achieve compliance with the conditions of this permit." There is no evidence that such a backup system is necessary to achieve permit compliance. Nor is there evidence that such a system is necessary to minimize upsets and discharges of excessive pollutants. Further, while a backup power source may alleviate some of the downtime that results from regional power outages, it

is questionable whether such a system would substantially improve operating performance during the numerous thunderstorms that occur in the area. In short, Molycorp has made a diligent effort to maintain efficient and continuous operations of the seepage collection facilities, and this fact should be recognized in the permit file.

Section G – Effluent/Receiving Water Observations

The inspection report identifies Molycorp's performance in this area as "Marginal". As the report notes, Part I.B of the permit prohibits "[t]he discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River . . . except in trace amounts." That part further states that "[i]mplementation of the Best Management Practices required by PART II.A of this permit will constitute compliance with this prohibition at Spring 13, Spring 39, and springs in the vicinity of the old mill site below the Sugar Shack South Deposit."

The report states that Molycorp has implemented the required BMPs. Therefore, compliance cannot be marginal. The report implies that Molycorp's efforts to identify, characterize and control seepage from sources at the Questa mine and mill site through Best Management Practices (BMPs) are not effective. In addition to the measures required by the permit, Molycorp has voluntarily installed three groundwater extraction well BMPs and two french drains BMPs in the vicinity of the Questa mine and mill site to intercept and capture seepage from the facility and other sources before it reaches the Red River. These BMPs were carefully selected to maximize the capture of low quality groundwater while minimizing hydrologic impacts to the Red River. There is no evidence to suggest that these BMPs are ineffective and that pollutants in greater than trace amounts are being discharged to the Red River from mine operations. Moreover, the concerns contained in the inspection report relate to groundwater impacts which are already the subject of regulation under Discharge Plans administered by the NMED's Ground Water Quality Bureau.

While the issues surrounding seepage into the Red River are complex, the issue for NPDES inspection purposes is whether or not the BMPs described in NM0022306 are operating properly. Molycorp's diligent efforts in this regard should be recognized.

Should you have any questions regarding the issues noted above, please contact me at 760.856.7656.

Sincerely,

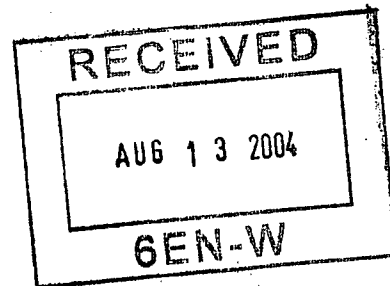


Scott Honan

C: Taylor Sharpe, EPA Region VI
Waudelle Strickley, EPA Region VI
USEPA, NPDES Permits Branch (6WQ-P)
Rich Powell, NMED-SWQB
Roy Torres, Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



August 10, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: 5 - Day Report NPDES Permit No. NM0022306
Power Failure
Molycorp Inc. - Questa, NM

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on August 10, 2004.

At 4:37 PM MST on August 9, 2004 the seepage pumpback system and extraction wells associated with the Questa Division's tailings facility shut down as a result of a power outage in the Questa area. The pumpback system and wells are designed to capture seepage water originating from Molycorp's existing tailings impoundment. The pumpback system returns a portion of the seepage to the tailings impoundment, and the extraction wells collect the remainder of the seepage and direct it to permitted Outfall 002. The power outage resulted from a failure of a transformer at the Questa high school during a lightning storm on August 9. The local power company (Kit Carson) and the local fire department shut power off in the Questa area to facilitate the replacement of the transformer. The pumpback system and wells were returned to service without incident once power was restored at 11:35 PM on August 9.

In response to this situation, Molycorp has completed the following actions:

1. Once power was restored to the Questa area, the pumpback system and extraction wells were returned to service and checked by Molycorp operations personnel.


SEP 03 2004

RECEIVED
AUG 13 2004
6EN-W
1 - Molycorp
1 - EPA
1 - NMED
1 - Correspondence
1 - CRAS
1 - Data Filed
1 - Clerk's Inits.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

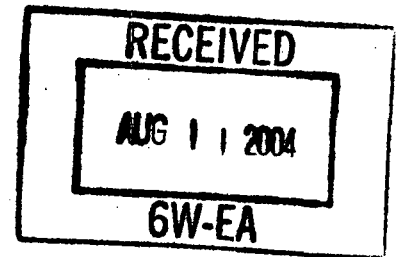


Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

August 9, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306**

Dear Ms. Strickley:

As required under Part II.A of Molycorp's February 1, 2001 NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing its monthly visual inspections of the Red River and its banks. This report covers the months of May, June, and July 2004. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **May:** Spring monitoring in the vicinity of the mine area was conducted on May 28, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13 and Spring 39. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on May 28 and 31, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

SEP 03 2004

2 - AO & AD mail
3 - DMRB
4 - Vol. Sum. Log
5 - NCE
6 - Correspondence
7 - CRAB
Date Filed
Clerk's Inits.

- June: Spring monitoring in the mine area was conducted on June 29, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, and Shaft Springs had no observable discharge or seepage. Active spring locations included Spring 13, Spring 39, and Goathill Gulch Seep. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on June 28, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

- July: Spring monitoring in the vicinity of the mine area was conducted on July 20, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, and Shaft Springs had no observable discharge or seepage. Active spring locations included Spring 13, Spring 39, and Goathill Gulch Seep. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on July 30, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

In conclusion, our inspections during the past quarterly monitoring period did not identify any significant discharge or seepage which may be directly from or hydrologically connected to MolyCorp's mining operations. Should you have any questions or concerns regarding this quarterly report or require additional information, please contact Anne Wagner at (505) 586-7625.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Ms. Waudelle Strickley
August 9, 2004
NPDES Permit NM0022306
Page 3

Sincerely,

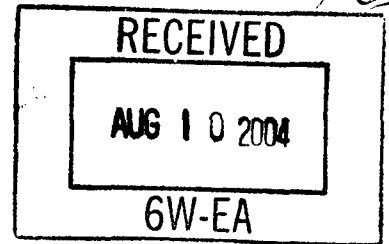
A handwritten signature in black ink, appearing to read "Roy Torres".

Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL RETURN RECEIPT

August 6, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of July, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of July.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

SEP 10 2004

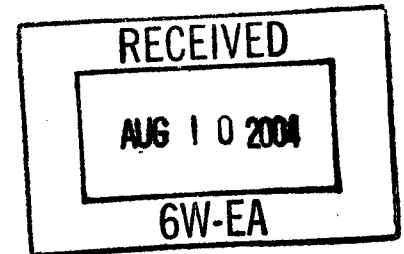
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

August 5, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 - Day Report NPDES Permit No. NM0022306
Tailings Pumpback System Anticipated Bypass
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the anticipated bypass that occurred on August 3, 2004. The bypass occurred to accommodate the replacement of a pump associated with the Tailings pump back system. Molycorp notified EPA on July 28, 2004 of the anticipated bypass as required under NPDES permit NM0022306 Part III.B.4.b.(1). Molycorp received approval from Mr. Taylor Sharpe of the EPA on July 28, 2004 to perform the bypass. The bypass was verbally reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard E. Powell of the NMED Surface Water Quality Bureau on August 3, 2004 via email.

As a result of the pump replacement, seepage that would have been pumped to the tailings impoundment was discharged through Outfall 002. The pump back system was shut off on August 3, 2004 for a total time period of 1 hour and 5 minutes from 8:00 AM to 9:05 AM. During the pump replacement a 24-hour composite sample was taken and the results will be provided in the August 2004 Outfall 002 discharge monitoring report.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

SEP 8 2004

1 - Permit/CD
2 - AC & AD matl
3 - CWR
4 - Vio. Arch. Log
5 - NCP
6 - Correspondence
7 - CRAB
Date Filed
Clerk's Inits.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp



"Martinez, Armando"
<amarti@molycorp.com>
m>

08/03/2004 02:39 PM

To: Taylor Sharpe/R6/USEPA/US@EPA
cc: richard_powell@nmenv.state.nm.us, Waudelle
Strickley/R6/USEPA/US@EPA, "Honon, Scott"
<shonan@unocal.com>, "Torres, Roy" <ratorre@molycorp.com>
Subject: RE: NPDES Permit No. NM0022306 Notice of Anticipated Bypass

Dear Mr. Sharpe:

This email is intended to serve as the verbal notification required under NPDES Permit NM0022306 Part III.D.7.b regarding the EPA-approved anticipated bypass that occurred this morning August 3, 2004.

As noted below the anticipated bypass occurred due to a scheduled pump replacement associated with the Tailings pump back system. As a result, seepage that would have been pumped to the tailings impoundment was discharged through Outfall 002. The system was shutdown on August 3, 2004 for a total time period of 1 hour and 5 minutes starting at approximately 8:00 AM and was returned to service at approximately 9:05 AM. A 24-hour composite sample was taken during this time and the results will be provided in the August 2004 Outfall 002 discharge monitoring report. Details of the anticipated bypass will be provided in the written 5-day report.

Should you have any questions or concerns regarding this email or require additional information, please contact me at your convenience.

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc
505-586-7639

-----Original Message-----

From: Sharpe.Taylor@epamail.epa.gov [mailto:Sharpe.Taylor@epamail.epa.gov]
Sent: Wednesday, July 28, 2004 10:15 AM
To: Martinez, Armando
Cc: Torres, Roy; Honon, Scott; Strickley.Waudelle@epamail.epa.gov
Subject: Re: NPDES Permit No. NM0022306 Notice of Anticipated Bypass

Dear Mr. Martinez:

Thank you for the notice of anticipated bypass. That is acceptable to us to perform the bypass to switch out the pump to get one that will perform better and be less likely to cause the problems from last weekend. Please monitor the bypass for any environmental impacts and take appropriate remedial action to minimize those impacts. Make sure to provide a 24-hour verbal/e-mail notice, followed up by a 5-day written notice per your permit's conditions. If you have any questions, call me at 214-665-7112.

TAYLOR SHARPE
EPA Region 6
Enforcement Officer

SEP 28 2004

1 - Permit/CD
2 - AG & AG matl
3 - DMR's
4 - Vn. Sbm. Lbg
5 - ACR
6 - Correspondence
7 - CRAS
Data Filed
Mark's Init.

"Martinez,
Armando"
<amarti@molycorp.
com>

07/28/2004 10:26
AM

```
>-----|
|
|
|      To:      Taylor Sharpe/R6/USEPA/US@EPA
|
|      cc:      "Honan, Scott" <shonan@unocal.com>, "Torres, Roy"
<ratorre@molycorp.com>
|      Subject: NPDES Permit No. NM0022306 Notice of Anticipated Bypass
|
>-----|
|
```

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.
P.O Box 469
Questa, NM 87556-0469
(Phone: (505) 586-7639
) Direct Fax: (714) 985-7410
*e-mail: amarti@molycorp.com

Taylor Sharpe

07/28/2004 11:15 AM

To: "Martinez, Armando" <amarti@molycorp.com>
cc: "Torres, Roy" <ratorre@molycorp.com>, "Honan, Scott" <shonan@unocal.com>, Waudelle Strickley/R6/USEPA/US@EPA
Subject: Re: NPDES Permit No. NM0022306 Notice of Anticipated Bypass

Dear Mr. Martinez:

Thank you for the notice of anticipated bypass. That is acceptable to us to perform the bypass to switch out the pump to get one that will perform better and be less likely to cause the problems from last weekend. Please monitor the bypass for any environmental impacts and take appropriate remedial action to minimize those impacts. Make sure to provide a 24-hour verbal/e-mail notice, followed up by a 5-day written notice per your permit's conditions. If you have any questions, call me at 214-665-7112.

TAYLOR SHARPE
EPA Region 6
Enforcement Officer
214-665-7112

"Martinez, Armando" <amarti@molycorp.com>



"Martinez, Armando"
<amarti@molycorp.com>
m>

07/28/2004 10:26 AM

To: Taylor Sharpe/R6/USEPA/US@EPA
cc: "Honan, Scott" <shonan@unocal.com>, "Torres, Roy" <ratorre@molycorp.com>
Subject: NPDES Permit No. NM0022306 Notice of Anticipated Bypass

Dear Mr. Sharpe,

As a follow-up to our conversation this morning and as outlined in the 5 – day report submitted July 27, 2004 I am notifying you regarding Molycorp plans to replace the existing pump associated with tailings pumpback system to ensure continued operation of this system. The pump will be replaced no sooner than July 29, 2004 and the replacement will take approximately 8 hours. During the pump replacement, the tailings pumpback system will be shut down. As noted during our telephone conversation on July 26, Molycorp believes that the pump replacement constitutes an anticipated bypass under NPDES Permit NM0022306. Should you have any questions or concerns regarding this email or require additional information, please contact me.

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.
P.O Box 469
Questa, NM 87556-0469
Phone: (505) 586-7639
Direct Fax: (714) 985-7410
e-mail: amarti@molycorp.com

1 - Permit/CD
2 - AO & AO mat
3 - DMR's
4 - Vth. Stat. Log
5 - ACR
6 - Correspondence
7 - CR
8 - SEP
9 - SEP
10 - SEP
11 - SEP
12 - SEP
13 - SEP
14 - SEP
15 - SEP
16 - SEP
17 - SEP
18 - SEP
19 - SEP
20 - SEP
21 - SEP
22 - SEP
23 - SEP
24 - SEP
25 - SEP
26 - SEP
27 - SEP
28 - SEP
29 - SEP
30 - SEP
31 - SEP
32 - SEP
33 - SEP
34 - SEP
35 - SEP
36 - SEP
37 - SEP
38 - SEP
39 - SEP
40 - SEP
41 - SEP
42 - SEP
43 - SEP
44 - SEP
45 - SEP
46 - SEP
47 - SEP
48 - SEP
49 - SEP
50 - SEP
51 - SEP
52 - SEP
53 - SEP
54 - SEP
55 - SEP
56 - SEP
57 - SEP
58 - SEP
59 - SEP
60 - SEP
61 - SEP
62 - SEP
63 - SEP
64 - SEP
65 - SEP
66 - SEP
67 - SEP
68 - SEP
69 - SEP
70 - SEP
71 - SEP
72 - SEP
73 - SEP
74 - SEP
75 - SEP
76 - SEP
77 - SEP
78 - SEP
79 - SEP
80 - SEP
81 - SEP
82 - SEP
83 - SEP
84 - SEP
85 - SEP
86 - SEP
87 - SEP
88 - SEP
89 - SEP
90 - SEP
91 - SEP
92 - SEP
93 - SEP
94 - SEP
95 - SEP
96 - SEP
97 - SEP
98 - SEP
99 - SEP
100 - SEP

① WS

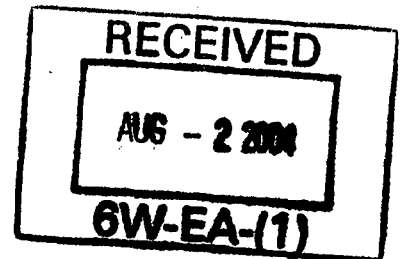
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



CERTIFIED MAIL RETURN RECEIPT

July 27, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 – Day Report NPDES Permit No. NM0022306
Tailings Pumpback System Upset
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the upset that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard E. Powell of the NMED Surface Water Quality Bureau on July 26, 2004. Molycorp is reporting this situation as an upset even though it cannot conclude that an effluent limit in the Permit was exceeded. The relevant limit is for manganese, which requires a 24-hour composite sample; the upset lasted only four (4) hours.

At approximately 11:30 AM MST on July 24, 2004, the seepage pumpback system at the Questa Division's Tailings facility ceased operating. The pumpback system is designed to assure compliance with effluent limits in the Permit by capturing and returning a portion of seepage water to Molycorp's existing tailings impoundment before the seepage discharges through Outfall 002. The pumpback system did not operate for 4 hours, and as a result, seepage that would have been pumped to the tailings impoundment was discharged through Outfall 002. During initial installation the pump electrical parameters were set to a default operating limit based on MSHA criteria. This operating limit was not appropriate for this application. This situation was corrected by Molycorp maintenance personnel and the pump was returned to service on July 24 at 3:30 PM MST.

In response to this situation, Molycorp has completed the following actions:

AUG 25 2004

Permit/CD
NO matl
Log
compliance
and
tailings

1. The pump was restarted and the electrical current setting on the pump motor was reset to an appropriate level. The pump has operated since the upset without interruption.
2. While the tailings pumpback system pump is operating normally at this time, Molycorp plans to replace this existing pump to ensure continued operation of this system. The pump will be replaced no sooner than July 29, 2004 and the replacement will take approximately 8 hours. During the pump replacement, the tailings pumpback system will be shut down. As noted during our telephone conversation on July 26, Molycorp believes that the pump replacement constitutes an anticipated bypass under NPDES Permit NM0022306.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

RECORD OF COMMUNICATION		<input checked="" type="checkbox"/> Phone Call <input type="checkbox"/> Discussion <input type="checkbox"/> Field Trip <input type="checkbox"/> Conference <input type="checkbox"/> Other (Specify)	
To: EPA NPDES File NPDES No. NM0022306 ✓		From: Scott Holoman Molycorps	Date: July 26, 2004 Time: 5:11pm
Subject: Reporting an upset from the weekend.			
Summary of Communication: Calling to report an upset on Sat. July 23rd, between 11:30am and 3:30pm the pump back system in the tailings area of the Questa (sp?) Division was down because the electric motor associated with the pump drives a certain current and there is a protection feature that limits the amperage and it was set too low and the pump shut off during this time.			
Conclusions, Actions Taken, or Required: When they figured out what happened, they set the pump cutoff to a higher amperage limit. It has been running fine since Sat. Pump has been in service since January. They plan to swap out the pump and put a bigger one in. 10 day notification of the swapping out of the pump. Pump pumps 85 gpm of water from toe of dam 1-C and pump it up to the main tailings impoundment and reduce the maganese loadings out of outfall 002. When that pumped was shut off for 4 hours, that water was not pumped back up. They have not observed environmental impacts yet, but are still looking at them. Discharge goes to the Red River.			
Information Copies To:			

1 - Permit/CD
 2 - AQ & AQ mon
 3 - DMR's
 4 - Via A-1 Log
 5 - MCH
 6 - Correspondence
 7 -
 8 -
 SEP 8 2004
 9 -
 10 -
 11 -
 12 -
 13 -
 14 -
 15 -
 16 -
 17 -
 18 -
 19 -
 20 -
 21 -
 22 -
 23 -
 24 -
 25 -
 26 -
 27 -
 28 -
 29 -
 30 -
 31 -
 32 -
 33 -
 34 -
 35 -
 36 -
 37 -
 38 -
 39 -
 40 -
 41 -
 42 -
 43 -
 44 -
 45 -
 46 -
 47 -
 48 -
 49 -
 50 -
 51 -
 52 -
 53 -
 54 -
 55 -
 56 -
 57 -
 58 -
 59 -
 60 -
 61 -
 62 -
 63 -
 64 -
 65 -
 66 -
 67 -
 68 -
 69 -
 70 -
 71 -
 72 -
 73 -
 74 -
 75 -
 76 -
 77 -
 78 -
 79 -
 80 -
 81 -
 82 -
 83 -
 84 -
 85 -
 86 -
 87 -
 88 -
 89 -
 90 -
 91 -
 92 -
 93 -
 94 -
 95 -
 96 -
 97 -
 98 -
 99 -
 100 -
 101 -
 102 -
 103 -
 104 -
 105 -
 106 -
 107 -
 108 -
 109 -
 110 -
 111 -
 112 -
 113 -
 114 -
 115 -
 116 -
 117 -
 118 -
 119 -
 120 -
 121 -
 122 -
 123 -
 124 -
 125 -
 126 -
 127 -
 128 -
 129 -
 130 -
 131 -
 132 -
 133 -
 134 -
 135 -
 136 -
 137 -
 138 -
 139 -
 140 -
 141 -
 142 -
 143 -
 144 -
 145 -
 146 -
 147 -
 148 -
 149 -
 150 -
 151 -
 152 -
 153 -
 154 -
 155 -
 156 -
 157 -
 158 -
 159 -
 160 -
 161 -
 162 -
 163 -
 164 -
 165 -
 166 -
 167 -
 168 -
 169 -
 170 -
 171 -
 172 -
 173 -
 174 -
 175 -
 176 -
 177 -
 178 -
 179 -
 180 -
 181 -
 182 -
 183 -
 184 -
 185 -
 186 -
 187 -
 188 -
 189 -
 190 -
 191 -
 192 -
 193 -
 194 -
 195 -
 196 -
 197 -
 198 -
 199 -
 200 -
 201 -
 202 -
 203 -
 204 -
 205 -
 206 -
 207 -
 208 -
 209 -
 210 -
 211 -
 212 -
 213 -
 214 -
 215 -
 216 -
 217 -
 218 -
 219 -
 220 -
 221 -
 222 -
 223 -
 224 -
 225 -
 226 -
 227 -
 228 -
 229 -
 230 -
 231 -
 232 -
 233 -
 234 -
 235 -
 236 -
 237 -
 238 -
 239 -
 240 -
 241 -
 242 -
 243 -
 244 -
 245 -
 246 -
 247 -
 248 -
 249 -
 250 -
 251 -
 252 -
 253 -
 254 -
 255 -
 256 -
 257 -
 258 -
 259 -
 260 -
 261 -
 262 -
 263 -
 264 -
 265 -
 266 -
 267 -
 268 -
 269 -
 270 -
 271 -
 272 -
 273 -
 274 -
 275 -
 276 -
 277 -
 278 -
 279 -
 280 -
 281 -
 282 -
 283 -
 284 -
 285 -
 286 -
 287 -
 288 -
 289 -
 290 -
 291 -
 292 -
 293 -
 294 -
 295 -
 296 -
 297 -
 298 -
 299 -
 300 -
 301 -
 302 -
 303 -
 304 -
 305 -
 306 -
 307 -
 308 -
 309 -
 310 -
 311 -
 312 -
 313 -
 314 -
 315 -
 316 -
 317 -
 318 -
 319 -
 320 -
 321 -
 322 -
 323 -
 324 -
 325 -
 326 -
 327 -
 328 -
 329 -
 330 -
 331 -
 332 -
 333 -
 334 -
 335 -
 336 -
 337 -
 338 -
 339 -
 340 -
 341 -
 342 -
 343 -
 344 -
 345 -
 346 -
 347 -
 348 -
 349 -
 350 -
 351 -
 352 -
 353 -
 354 -
 355 -
 356 -
 357 -
 358 -
 359 -
 360 -
 361 -
 362 -
 363 -
 364 -
 365 -
 366 -
 367 -
 368 -
 369 -
 370 -
 371 -
 372 -
 373 -
 374 -
 375 -
 376 -
 377 -
 378 -
 379 -
 380 -
 381 -
 382 -
 383 -
 384 -
 385 -
 386 -
 387 -
 388 -
 389 -
 390 -
 391 -
 392 -
 393 -
 394 -
 395 -
 396 -
 397 -
 398 -
 399 -
 400 -
 401 -
 402 -
 403 -
 404 -
 405 -
 406 -
 407 -
 408 -
 409 -
 410 -
 411 -
 412 -
 413 -
 414 -
 415 -
 416 -
 417 -
 418 -
 419 -
 420 -
 421 -
 422 -
 423 -
 424 -
 425 -
 426 -
 427 -
 428 -
 429 -
 430 -
 431 -
 432 -
 433 -
 434 -
 435 -
 436 -
 437 -
 438 -
 439 -
 440 -
 441 -
 442 -
 443 -
 444 -
 445 -
 446 -
 447 -
 448 -
 449 -
 450 -
 451 -
 452 -
 453 -
 454 -
 455 -
 456 -
 457 -
 458 -
 459 -
 460 -
 461 -
 462 -
 463 -
 464 -
 465 -
 466 -
 467 -
 468 -
 469 -
 470 -
 471 -
 472 -
 473 -
 474 -
 475 -
 476 -
 477 -
 478 -
 479 -
 480 -
 481 -
 482 -
 483 -
 484 -
 485 -
 486 -
 487 -
 488 -
 489 -
 490 -
 491 -
 492 -
 493 -
 494 -
 495 -
 496 -
 497 -
 498 -
 499 -
 500 -
 501 -
 502 -
 503 -
 504 -
 505 -
 506 -
 507 -
 508 -
 509 -
 510 -
 511 -
 512 -
 513 -
 514 -
 515 -
 516 -
 517 -
 518 -
 519 -
 520 -
 521 -
 522 -
 523 -
 524 -
 525 -
 526 -
 527 -
 528 -
 529 -
 530 -
 531 -
 532 -
 533 -
 534 -
 535 -
 536 -
 537 -
 538 -
 539 -
 540 -
 541 -
 542 -
 543 -
 544 -
 545 -
 546 -
 547 -
 548 -
 549 -
 550 -
 551 -
 552 -
 553 -
 554 -
 555 -
 556 -
 557 -
 558 -
 559 -
 560 -
 561 -
 562 -
 563 -
 564 -
 565 -
 566 -
 567 -
 568 -
 569 -
 570 -
 571 -
 572 -
 573 -
 574 -
 575 -
 576 -
 577 -
 578 -
 579 -
 580 -
 581 -
 582 -
 583 -
 584 -
 585 -
 586 -
 587 -
 588 -
 589 -
 590 -
 591 -
 592 -
 593 -
 594 -
 595 -
 596 -
 597 -
 598 -
 599 -
 600 -
 601 -
 602 -
 603 -
 604 -
 605 -
 606 -
 607 -
 608 -
 609 -
 610 -
 611 -
 612 -
 613 -
 614 -
 615 -
 616 -
 617 -
 618 -
 619 -
 620 -
 621 -
 622 -
 623 -
 624 -
 625 -
 626 -
 627 -
 628 -
 629 -
 630 -
 631 -
 632 -
 633 -
 634 -
 635 -
 636 -
 637 -
 638 -
 639 -
 640 -
 641 -
 642 -
 643 -
 644 -
 645 -
 646 -
 647 -
 648 -
 649 -
 650 -
 651 -
 652 -
 653 -
 654 -
 655 -
 656 -
 657 -
 658 -
 659 -
 660 -
 661 -
 662 -
 663 -
 664 -
 665 -
 666 -
 667 -
 668 -
 669 -
 670 -
 671 -
 672 -
 673 -
 674 -
 675 -
 676 -
 677 -
 678 -
 679 -
 680 -
 681 -
 682 -
 683 -
 684 -
 685 -
 686 -
 687 -
 688 -
 689 -
 690 -
 691 -
 692 -
 693 -
 694 -
 695 -
 696 -
 697 -
 698 -
 699 -
 700 -
 701 -
 702 -
 703 -
 704 -
 705 -
 706 -
 707 -
 708 -
 709 -
 710 -
 711 -
 712 -
 713 -
 714 -
 715 -
 716 -
 717 -
 718 -
 719 -
 720 -
 721 -
 722 -
 723 -
 724 -
 725 -
 726 -
 727 -
 728 -
 729 -
 730 -
 731 -
 732 -
 733 -
 734 -
 735 -
 736 -
 737 -
 738 -
 739 -
 740 -
 741 -
 742 -
 743 -
 744 -
 745 -
 746 -
 747 -
 748 -
 749 -
 750 -
 751 -
 752 -
 753 -
 754 -
 755 -
 756 -
 757 -
 758 -
 759 -
 760 -
 761 -
 762 -
 763 -
 764 -
 765 -
 766 -
 767 -
 768 -
 769 -
 770 -
 771 -
 772 -
 773 -
 774 -
 775 -
 776 -
 777 -
 778 -
 779 -
 780 -
 781 -
 782 -
 783 -
 784 -
 785 -
 786 -
 787 -
 788 -
 789 -
 790 -
 791 -
 792 -
 793 -
 794 -
 795 -
 796 -
 797 -
 798 -
 799 -
 800 -
 801 -
 802 -
 803 -
 804 -
 805 -
 806 -
 807 -
 808 -
 809 -
 810 -
 811 -
 812 -
 813 -
 814 -
 815 -
 816 -
 817 -
 818 -
 819 -
 820 -
 821 -
 822 -
 823 -
 824 -
 825 -
 826 -
 827 -
 828 -
 829 -
 830 -
 831 -
 832 -
 833 -
 834 -
 835 -
 836 -
 837 -
 838 -
 839 -
 840 -
 841 -
 842 -
 843 -
 844 -
 845 -
 846 -
 847 -
 848 -
 849 -
 850 -
 851 -
 852 -
 853 -
 854 -
 855 -
 856 -
 857 -
 858 -
 859 -
 860 -
 861 -
 862 -
 863 -
 864 -
 865 -
 866 -
 867 -
 868 -
 869 -
 870 -
 871 -
 872 -
 873 -
 874 -
 875 -
 876 -
 877 -
 878 -
 879 -
 880 -
 881 -
 882 -
 883 -
 884 -
 885 -
 886 -
 887 -
 888 -
 889 -
 890 -
 891 -
 892 -
 893 -
 894 -
 895 -
 896 -
 897 -
 898 -
 899 -
 900 -
 901 -
 902 -
 903 -
 904 -
 905 -
 906 -
 907 -
 908 -
 909 -
 910 -
 911 -
 912 -
 913 -
 914 -
 915 -
 916 -
 917 -
 918 -
 919 -
 920 -
 921 -
 922 -
 923 -
 924 -
 925 -
 926 -
 927 -
 928 -
 929 -
 930 -
 931 -
 932 -
 933 -
 934 -
 935 -
 936 -
 937 -
 938 -
 939 -
 940 -
 941 -
 942 -
 943 -
 944 -
 945 -
 946 -
 947 -
 948 -
 949 -
 950 -
 951 -
 952 -
 953 -
 954 -
 955 -
 956 -
 957 -
 958 -
 959 -
 960 -
 961 -
 962 -
 963 -
 964 -
 965 -
 966 -
 967 -
 968 -
 969 -
 970 -
 971 -
 972 -
 973 -
 974 -
 975 -
 976 -
 977 -
 978 -
 979 -
 980 -
 981 -
 982 -
 983 -
 984 -
 985 -
 986 -
 987 -
 988 -
 989 -
 990 -
 991 -
 992 -
 993 -
 994 -
 995 -
 996 -
 997 -
 998 -
 999 -
 1000 -
 1001 -
 1002 -
 1003 -
 1004 -
 1005 -
 1006 -
 1007 -
 1008 -
 1009 -
 1010 -
 1011 -
 1012 -
 1013 -
 1014 -
 1015 -
 1016 -
 1017 -
 1018 -
 1019 -
 1020 -
 1021 -
 1022 -
 1023 -
 1024 -
 1025 -
 1026 -
 1027 -
 1028 -
 1029 -
 1030 -
 1031 -
 1032 -
 1033 -
 1034 -
 1035 -
 1036 -
 1037 -
 1038 -
 1039 -
 1040 -
 1041 -
 1042 -
 1043 -
 1044 -
 1045 -
 1046 -
 1047 -
 1048 -
 1049 -
 1050 -
 1051 -
 1052 -
 1053 -
 1054 -
 1055 -
 1056 -
 1057 -
 1058 -
 1059 -
 1060 -
 1061 -
 1062 -
 1063 -
 1064 -
 1065 -
 1066 -
 1067 -
 1068 -
 1069 -
 1070 -
 1071 -
 1072 -
 1073 -
 1074 -
 1075 -
 1076 -
 1077 -
 1078 -
 1079 -
 1080 -
 1081 -
 1082 -
 1083 -
 1084 -
 1085 -
 1086 -
 1087 -
 1088 -
 1089 -
 1090 -
 1091 -
 1092 -
 1093 -
 1094 -
 1095 -
 1096 -
 1097 -
 1098 -
 1099 -
 1100 -
 1101 -
 1102 -
 1103 -
 1104 -
 1105 -
 1106 -
 1107 -
 1108 -
 1109 -
 1110 -
 1111 -
 1112 -
 1113 -
 1114 -
 1115 -
 1116 -
 1117 -
 1118 -
 1119 -
 1120 -
 1121 -
 1122 -
 1123 -
 1124 -
 1125 -
 1126 -
 1127 -
 1128 -
 1129 -
 1130 -
 1131 -
 1132 -
 1133 -
 1134 -
 1135 -
 1136 -
 1137 -
 1138 -
 1139 -
 1140 -
 1141 -
 1142 -
 1143 -
 1144 -
 1145 -
 1146 -
 1147 -
 1148 -
 1149 -
 1150 -
 1151 -
 1152 -
 1153 -
 1154 -
 1155 -
 1156 -
 1157 -
 1158 -
 1159 -
 1160 -
 1161 -
 1162 -
 1163 -
 1164 -
 1165 -
 1166 -
 1167 -
 1168 -
 1

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

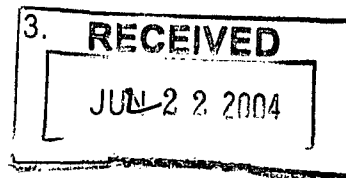
NM 0022306 ✓
IDS

Molycorp

VIA FACSIMILE AND CERTIFIED MAIL

July 20, 2004

Mr. Jerry Schoeppner, Chief
Ground Water Quality Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502



**RE: 15 Day Corrective Action Report: Storm Water Discharge from Mill
Yard Catchment Pond into the Molycorp Head Gate Diversion**

Dear Mr. Shoepner:

This letter is in regard to the discharge of storm water from a pipe connected to the Mill yard storm water catchment pond into the Molycorp Head Gate Diversion adjacent to the Red River. This discharge was verbally reported to Mr. Mike Reed on June 30, 2004. The 7 – day report regarding this incident was submitted on July 2, 2004. A request for extension of the 15 – day report was submitted on July 14, 2004.

1. Name, address, and telephone number of the person(s) in charge of the facility, as well as the owner and/or operator of the facility.

The facility is owned and operated by Molycorp Inc., the facility address is P.O. Box 469, Questa, NM 87556, the facility Operations Manager is Roy Torres, same address and his phone number is (505) 586-7637.

2. The name and address of the facility.

The address of Molycorp Inc.'s Questa facility is P.O. Box 469, Questa, NM 87556.

1 - Permit/CD
2 - AD & AD matl
3 - CMC's
4 - Vol. Comm. Log
5 - NCR
6 - CAA
7 - CAA
SEP 8
Date filed
Clerk's Init.

3. The date, time, location, and duration of the discharge.

The discharge lasted from 7:15 AM to 7:40AM on June 30, 2004. The storm water discharge from the pipe was reported to the Molycorp Environmental group at approximately 9:00 AM on June 30. The storm water discharged into the Molycorp head gate diversion, which is adjacent to and located on the north side of the Red River.

4. The source and cause of the discharge.

The discharge occurred when pumps were activated at the Mill yard catchment pond, which functions to capture storm water runoff from Molycorp property and pump it to Mill facilities. The area received approximately 1.09" of rain from an overnight storm event, and as result, the pumps were activated at 7:15 AM. At 7:40 AM, Molycorp personnel observed water discharging from the inlet pipe located at the Molycorp headgate diversion and immediately deactivated the pumps at the Mill yard catchment pond. Molycorp determined that a valve leading to the headgate diversion was inadvertently left in the open position, causing pumped storm water to discharge into the Molycorp headgate diversion. At no time did the storm water discharge reach the surface waters of the Red River.

5. A description of the discharge, including its chemical composition.

Samples and field measurements were taken from the discharged storm water which was impounded in the headgate diversion. Sampling results of from the discharged storm water are provided in the attached table. A hardcopy of the laboratory data will be provided upon request.

6. Estimated volume of the discharge.

The total volume of the discharge was approximately 5,000 gallons.

7. Any actions taken to mitigate immediate damage from the discharge.

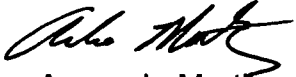
- Molycorp immediately shut down the pumps in the Mill yard storm water catchment pond.
- The water impounded within the Molycorp headgate diversion was pumped into a water truck and transported to the Molycorp Mill facilities where this storm water would normally be pumped.

The pumping system has been modified to bypass the pipeline that connects to the Molycorp headgate diversion. This was accomplished by installing a separate surface pipeline directly to the Molycorp Mill facilities. This eliminates the potential for this type of incident to recur.

July 20, 2004
Mr. Jerry Schoeppner
Page 3

Should you have any questions or require additional information, please contact me at (505) 586-7639.

Sincerely yours,



Armando Martinez
Environmental Compliance Specialist

cc: M. Reed, NMED
W. Strickley, EPA
T. Sharp, EPA
R. Powell, NMED
S. Spon, NMED
S. Honan, Molycorp
R. Torres, Molycorp

Table A-1

	Fraction	Mill Yard Catchment Stormwater Discharge 6/30/04 (mg/L)
Field Measurements		
pH	Total	7.1 SU
SC	Total	326 uS/cm
Metals		
Aluminum	Total	7.3
Aluminum	Dissolved	0.097
Arsenic	Total	0.0034
Arsenic	Dissolved	<0.005
Barium	Total	0.055
Barium	Dissolved	0.01
Beryllium	Total	0.0015
Beryllium	Dissolved	0.00013
Cadmium	Total	0.0006
Cadmium	Dissolved	<0.001
Calcium	Total	35
Calcium	Dissolved	32
Chromium	Total	0.014
Chromium	Dissolved	<0.01
Cobalt	Total	0.0053
Cobalt	Dissolved	<0.01
Copper	Total	0.051
Copper	Dissolved	0.0064
Iron	Total	9.1
Iron	Dissolved	0.23
Lead	Total	0.059
Lead	Dissolved	<0.003
Magnesium	Total	6.7
Magnesium	Dissolved	3.1
Manganese	Total	0.81
Manganese	Dissolved	0.4
Mercury	Total	0.000029
Molybdenum	Total	1.4
Molybdenum	Dissolved	1
Nickel	Total	0.016
Nickel	Dissolved	0.0071
Potassium	Total	5.8
Potassium	Dissolved	3.9
Selenium	Total	<0.005
Selenium	Dissolved	<0.005
Silver	Total	0.00087
Silver	Dissolved	0.00063
Sodium	Total	21
Sodium	Dissolved	20
Zinc	Total	0.14
Zinc	Dissolved	0.097
General Chemistry		
Bicarbonate (as CaCO ₃)	Total	28
Carbonate (as CaCO ₃)	Total	<5
Chloride	Total	30
Fluoride	Total	1.2
Nitrate/Nitrite as N	Total	1
Nitrate as N	Total	0.95
Sulfate	Total	69
Total Dissolved Solids	Total	250

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

D.M.

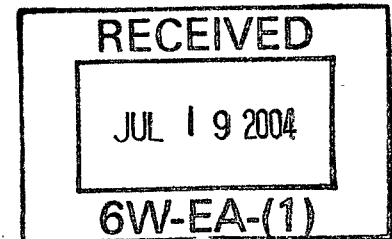
NM 22306

Molycorp

HAND DELIVERED

July 14, 2004

Mr. Jerry Schoeppner, Chief
Ground Water Quality Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502



**RE: Request for extension: 15 - Day Corrective Action Report - Storm
Water Discharge from Mill Yard Catchment Pond into the Molycorp
Head Gate Diversion**

Dear Mr. Shoepner:

This letter concerns the 15 - day corrective action report regarding the discharge of storm water from a pipe connected to the Mill yard storm water catchment pond into the Molycorp Head Gate Diversion adjacent to the Red River. This discharge occurred on June 30, 2004 and was verbally reported to Mr. Mike Reed on June 30, 2004. The 7 - day report regarding this incident was submitted on July 2, 2004.

Molycorp has not received all of the data from our external laboratory that is needed to complete the 15-day report. After discussing this matter with Mr. Mike Reed of your office, Molycorp respectfully requests that the submittal date for the 15 - day corrective action report be deferred until July 20, 2004 to allow for complete reporting of the analytical results.

Should you have any questions or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Armando Martinez

Armando Martinez
Environmental Compliance Specialist

1 - Permit/CD
2 - AD & AD matl
3 - BMR's
4 - Vb. Sum. Log
5 - MCA
6 - Correspondence
7 - CRAB
Data Filed
Client's Inits.

OCT 9 2004

July 14, 2004
Mr. Jerry Schoeppner
Page 2

cc: M. Reed, NMED
W. Strickley, EPA
T. Sharp, EPA
R. Powell, NMED
S. Spon, NMED
S. Honan, Molycorp
R. Torres, Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

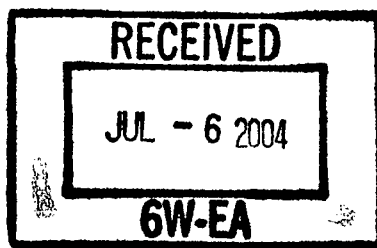
NM 22306 ✓

CERTIFIED MAIL RETURN RECEIPT

DE11①

July 2, 2004

Mr. Jerry Schoeppner, Chief
Ground Water Quality Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502



**RE: 7 Day Report: Storm Water Discharge from Mill Yard Catchment
Pond into the Molycorp Head Gate Diversion**

Dear Mr. Shoepner:

This letter is in regard to the discharge of storm water from a pipe connected to the Mill yard storm water catchment pond into the Molycorp Head Gate Diversion adjacent to the Red River. This discharge was verbally reported to Mr. Mike Reed on June 30, 2004. This notification is intended to satisfy 20.6.2.1203.A.(3) NMAC. At this time Molycorp does not believe that the discharge described in this letter and reported to NMED on June 30, 2004, would with reasonable probability injure or be detrimental to human health, animal or plant life or property or reasonably interfere with the public welfare or the use of the property.

1. Name, address and telephone number of the person(s) in charge of the facility, as well as the owner and/or operator of the facility.

The facility is owned and operated by Molycorp Inc., the facility address is P.O. Box 469, Questa, NM 87556, the facility Operations Manager is Roy Torres, same address, and his phone number is (505) 586-7637.

2. The name and address of the facility.

The address of Molycorp Inc.'s Questa facility is P.O. Box 469, Questa, NM 87556.

JUL 29 2004

NM Permit/CD
2 - AO & AO matl
3 - DM's
4 - Vis. Sum. Log
5 - AC
6 - Correspondence
7 - OIAO
Date Filed
Clerk's Inits.

3. The date, time, location and duration of the discharge.

The discharge lasted from 7:15 AM to 7:40 AM on June 30. The stormwater discharge from the pipe was reported to the Molycorp Environmental group at approximately 9:00 AM on June 30, 2004. The storm water which discharged into the Molycorp head gate diversion is adjacent to and located on the north side of the Red River.

4. The source and cause of the discharge.

The discharge occurred when pumps were activated at the Mill yard catchment pond which functions to capture stormwater runoff from Molycorp property and pump it to Mill facilities. The area received approximately 1.09" of rain from an overnight storm event and as result the pumps were activated at 7:15 AM. At 7:40 AM, Molycorp personnel observed water discharging from the inlet pipe located at the Molycorp headgate diversion and immediately deactivated the pumps at the Mill yard catchment pond. It was determined that a valve leading to the headgate diversion was inadvertently left in the open position causing pumped stormwater to discharge into the Molycorp headgate diversion. At no time did the stormwater discharge reach the surface waters of the Red River.

5. A description of the discharge, including its chemical composition.

Samples and field measurements for pH and conductivity were taken from the discharged storm water which was impounded in the headgate diversion. The pH of the water was 7.10 SU and the conductivity was 326 uS/cm.

6. Estimated volume of the discharge.

The total volume of the discharge was approximately 5,000 gallons.

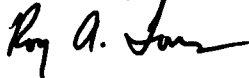
7. Any actions taken to mitigate immediate damage from the discharge.

Molycorp immediately shut down the pumps in the Mill yard storm water catchment pond. The water impounded within the Molycorp headgate diversion was pumped into a water truck and transported to the Molycorp Mill facilities where this storm water is normally pumped. Molycorp is evaluating options to modify the current pumping system to eliminate the potential of this type of incident occurring in the future. Formal details of the modification to the pumping system and analytical results taken of the discharged storm water will be provided in the 15 day corrective action report.

Should you have any questions or require additional information, please contact Armando Martinez at (505) 586-7638 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely yours,



Roy A. Torres
Manager, Operations
Questa Division

cc: M. Reed, NMED
W. Strickley, EPA ✓
T. Sharp, EPA
R. Powell, NMED
S. Spon, NMED
S. Honan, Molycorp
A. Martinez, Molycorp

Molycorp

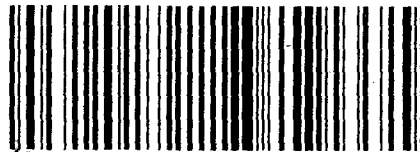
Armando Martinez
Molycorp, Inc.

Molybdenum Group

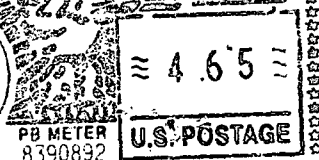
P.O. Box 469

Questa, NM 87556-0469

CERTIFIED MAIL



7001 2510 0002 6033 4871



JUL 06 2004



Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
1445 Ross Avenue
Dallas, TX 75202-2733

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7001 2510 0002 6033 4871

AM OFFICIAL USE

Postage	\$.60
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.65

Postmark
Here

Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
1445 Ross Avenue
Dallas, TX 75202-2733

se for In

PS.

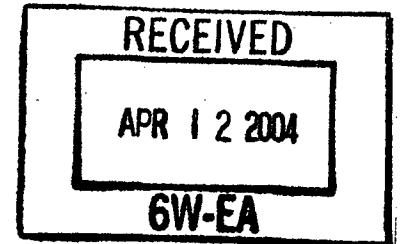
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



CERTIFIED MAIL RETURN RECEIPT

April 7, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 – Day Report NPDES Permit No. NM0022306
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.b regarding the incident that was reported to Mr. Taylor Sharpe of the EPA via voicemail and to Mr. Richard E. Powell of the NMED Surface Water Quality Bureau on April 2, 2004.

At approximately 6:30 PM MST on April 1, 2004 our facility experienced a series of unexpected electrical brown-outs that resulted in power failures at seepage pumpback system at the tailings facility and 2) the ground water withdrawal well #2 (GWW-2) at the mine site. The surges in the power supply caused by the brown-outs rendered the pumpback system power supply inoperable. In addition, GWW-2 failed to automatically restart as designed (GWW-1 and GWW-3 did automatically restart). The pumpback system was inoperable for approximately 15.5 hours with approximately 30 GPM of water overflowing and discharging to Outfall 002 during this time. GWW-2 was not operating for approximately 15.5 hours.

The pumpback system is designed to capture and return a portion of seepage water to Molycorp's existing tailings impoundments before the seepage discharges through Outfall 002. The pumpback system recirculates seepage water captured from a series of gravel drains and two of the nine ground water extraction wells. The pumps at the two extraction wells (EW-5A and EW-5B) were shutdown prior to the brown-outs for maintenance purposes and were not operating at the time of the power failure. Therefore, the 30 GPM of flow that

APR 30 2004

2 - AD & AG mail
1 - DPM
1 - Min. Sec. Log
1 - NCR
1 - Correspondence
1 - OPA
Date Filed
Clerk's Inits.

contributed to the bypass were only from the gravel drains associated with this pumpback system.

GWW-2 was constructed as part of the best management practices (BMPs) to comply with the prohibition against the discharge to the Red River of pollutants traceable to point source mine operations except in trace amounts.

On April 2, 2004 at approximately 10:00 AM the power supply was restored to the pumpback system and GWW-2 was restarted.

In response to this situation, Molycorp has completed the following actions:

1. Repaired the power supply associated with the pumpback system.
2. Restarted GWW-2.

Molycorp is currently evaluating potential preventive measures for future power outages.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Mike Reed, NMED –Ground Water Quality Bureau
S. Honan, Molycorp

A. Wagner, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp

RECORD OF COMMUNICATION	<input checked="" type="checkbox"/> Phone Call <input type="checkbox"/> Discussion <input type="checkbox"/> Field Trip <input type="checkbox"/> Conference <input type="checkbox"/> Other (Specify)	
To: Dell Strickley	From: Taylor Sharpe	Date: April 5, 2004 Time:
Subject: NM0022306/- Bypass - 24 hour notice by Armondo Martinez of Molycorp, Inc. - (505) 586-7639		
Summary of Communication: Bypass of pump back system to Outfall 002 as a result of a series of brownouts. Pumpback system functions to the intercept seepage waters from a series of gravel drains and two extractions wells (5A and 5B) and prevents it from discharging to Outfall 002.		
Conclusions, Actions Taken, or Required: Two extractions wells were down due to maintenance of the pumps and this limited the amount of flow from the pumpback system. The overflow discharged through 002 at rate 30gpm for 15.5 hours (27900 gal total). Surges in power caused the pumpback system to be disabled. GWW2 was also affected and down for 15.5 hours.		
Information Copies To:		

1 - Permit/CD
 2 - AD & AD matl
 3 - DMR's
 4 - Vic. Surv. Log
 5 - NOR
 6 - Correspondence
 7 - CRAS
 Data Clerk
 Clerk & MTS

APR 12 04 *JS*

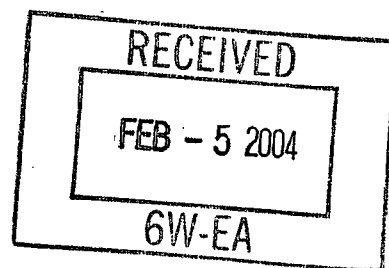
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



CERTIFIED MAIL RETURN RECEIPT

February 2, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: 5 - Day Report NPDES Permit NM0022306
Molycorp Inc. Questa Division**

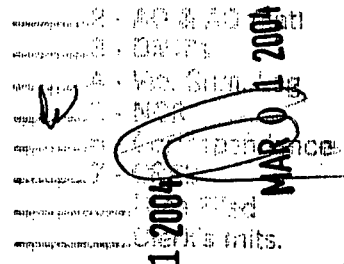
Dear Ms. Strickley:

This letter is the written 5 - day report required under NPDES Permit NM0022306 Section III.D.7.a regarding the incident that was verbally reported to Mr. Taylor Sharpe of the EPA and Mr. Rich Powell of the New Mexico Environment Department Surface Water Quality Bureau on January 28, 2004.

On the afternoon of January 27, 2004, Molycorp received analytical results for permitted outfall 002 from a 24-hour composite sample collected from January 8 to January 9, 2004. The result of the analysis indicated a fluoride concentration of 2.0 mg/L with a calculated load of 9.84 lbs/day. The resulting fluoride load exceeds the daily maximum and monthly average effluent loading limit of 8.75 lbs/day contained in the NPDES permit. However, Molycorp does not believe that this incident resulted in any environmental impacts to the receiving waters (the Red River).

In response to this incident, Molycorp has completed the following actions:

1. An additional 24-hour composite sample for fluoride at Outfall 002 was initiated on January 29, 2004. The results of this analysis are pending, and will be provided pursuant to Section III.D.5 of the permit with the next monthly discharge monitoring report.



2. Modifications to the existing seepage interception system were implemented in accordance with Administrative Order No. CWA-6-01-1204 for Permit NM0022306. The intent of the modifications is to capture and return a portion of the seepage to Molycorp's existing tailings impoundments before the seepage discharges through outfall 002. These modifications have been completed and are functioning properly.
3. The January 8 to 9, 24-hour composite sample was taken prior to the startup of the modified seepage interception system. Preliminary indications are that operation of the modified system has substantially reduced fluoride loads at outfall 002.

Should you have any questions or require additional information, please contact Armando Martinez at (505) 586-7638 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely yours,



Roy A. Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED - Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
William L. Sharrer, Molycorp
John Vialpando, Molycorp
Anne Wagner, Molycorp
Scott Honan, Molycorp



"Martinez, Armando"
<amarti@molycorp.com>
m>

01/28/2004 03:11 PM

To: Taylor Sharpe/R6/USEPA/US@EPA
cc: Waudelle Strickley/R6/USEPA/US@EPA
Subject: 24-hour Report - NPDES permit #NM0022306

Dear Mr. Sharpe,

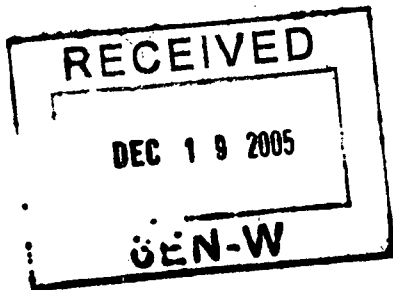
This e-mail will serve to document the 24-hour report that I made to you earlier today, regarding an exceedance of Molycorp's effluent load limitation for fluoride in permitted Outfall 002. A 24-hour composite sample of outfall 002 was collected on January 9, 2004, and based on our calculations and the sample analytical results the load limitation (daily max and monthly average) for fluoride was exceeded. The calculated load for fluoride is 9.84 lb/dy and the load limitation for both the daily max and monthly average contained in the permit is 8.75 lb/dy. At this time Molycorp is conducting an investigation to try to determine the cause of this exceedance. Further information and any corrective action will be provided in the 5-day written report. An additional 24-hour composite sampling event at Outfall 002 was initiated today for fluoride and those results will be provided with the next monthly discharge monitoring report.

Sincerely,

Armando Martinez
Environmental Compliance Specialist
Molycorp, Inc.
P.O Box 469
Questa, NM 87556-0469
☎ Phone: (505) 586-7639
☎ Fax: (505) 586-0811
✉ e-mail: amarti@molycorp.com

MAR C

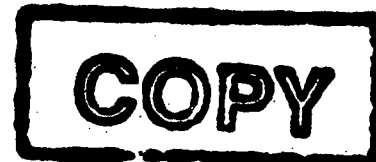
1 - Permit/CD
2 - AO & AO
3 - DMR's
4 - NPDES Log
5 - NCP
6 - CDR
7 - CDRS
MAR 01 2004
Date Filed
Clerk's Ints.



Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

① SC



CERTIFIED MAIL RETURN RECEIPT

December 15, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of November, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of November.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

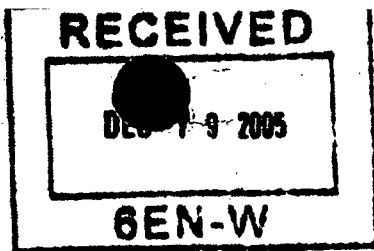
Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO & AO mat
3 - DMR's
4 - Viol. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
MAY 05 2006
Filed
Clerk's Inks.



Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

① SC

CERTIFIED MAIL RETURN RECEIPT

December 15, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of November, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of November.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

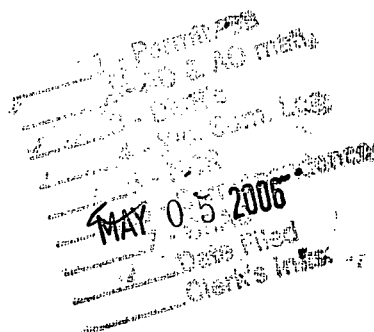
Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp



1 - Permit
2 - AQ & Air Matri
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Dge P
Clerk's files.

Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

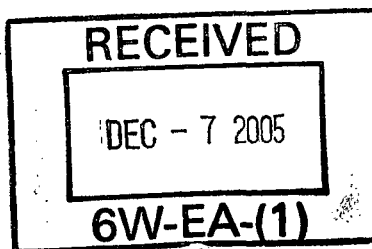
RECEIVE

DEC 2 - 2005

Air/Toxics & Inspection
Coordination Branch
6EN-A

November 30, 2005

Mr. Richard Powell
Surface Water Quality Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502-6110



Re: **Molycorp, Inc.**, Response to October, 12, 2005 Compliance Evaluation
Inspection, NPDES Permit No. **NM0022306**

Dear Mr. Powell:

Molycorp, Inc. received your inspection report, dated October 28, 2005, noting the results of the National Pollutant Discharge Elimination System (NPDES) Permit No. NM0022306 (Permit) Compliance Evaluation Inspection conducted at the Molycorp facility in Questa, New Mexico. The inspection was conducted by the New Mexico Environment Department (NMED), Water and Waste Management Division, Surface Water Quality Bureau (SWQB), on October 12, 2005.

This inspection report encourages Molycorp to respond to the items noted in the inspection and to provide compliance schedules regarding modifications. The following are Molycorp's responses and clarifications to the Inspection Report and findings. The "Further Explanations" section of the inspection report is addressed first and the items on the Checklist Form marked as "No" are subsequently addressed. The problems were also noted on the inspection report checklist form.

Response to "Further Explanations" in the Compliance Inspection Report

Treatment Scheme:

The following clarifications are provided to the description under Treatment Scheme in the Inspection Report:

In the first paragraph of this section, the inspector indicates that the mill "operates sporadically for several weeks at a time". Molycorp believes that the characterization of "sporadic" operation is inaccurate. It is more accurate to characterize the milling operation as intermittent. The mill operates on a more limited schedule to process the ore that is stockpiled throughout the year.

MAY 05 2006

Further, in paragraph 1, the report identifies outfalls 001, 002, 004, and 005 as related to the discharge of mine drainage, collected tailings pond seepage, and discharges from an ion exchange (IX) plant. The statement is not correct. The 004 and 005 outfalls are specifically related to potential storm water discharges, not mine drainage, tailings pond seepage, or discharges of decant water through the IX plant. Furthermore, as documented in the monthly DMRs, there have not been any discharges from the 004 and 005 outfalls since they were included in the permit in 1993.

Also, the IX plant has not been operated since the early 1990s, and outfall 001 has not been used since that time. Outfall 001 is an intermittent outfall that provides a discharge location for decant water from the tailings facility that has been treated in the IX plant. Current operations have not required Molycorp to operate the IX plant. Therefore, outfall 001 has not been used, as documented in the monthly DMRs.

For clarification, as a result of Administrative Order CWA-6-01-1204, Molycorp has installed a system to divert a portion of the seepage water from the Outfall 002 to another location on the facility. The extraction wells described in the inspection report are part of the seepage interception system installed below Dam 1, as required under the NMED groundwater discharge permit DP-933. Further, Molycorp has installed backup systems to address power outages that can occur in that location. Molycorp believes that the 15 to 20 second delay in switching to the back up power generator is not enough time to cause concern with meeting the permit limits. In addition, Molycorp has only had two bypasses in 2005. Neither of these bypasses resulted in the exceedance of any applicable NPDES permit limit, including manganese.

Section A – Permit Verification Evaluation: Overall rating of "Marginal"

The report indicates that: a provision of Part II.A states:

"The permittee shall conduct a field investigation to determine available alterations in the seepage system listed above which will potentially enhance its collection efficiency. The field investigation must at a minimum include:

- a. Determination of the groundwater elevation, direction of flow, and gradient in the vicinity of spring 13, spring 39,....*
- b. Determination of the hydrological characteristics of the shallow groundwater aquifer....*

and

Upon completion of the seepage interception system, the permittee shall evaluate the system to determine its effectiveness. The evaluation shall include a determination of ground water yield relative to the volume and flow rate observed in the field investigation described above and a visual examination of the Red River and its northern bank in the vicinity of Spring 13, Spring 39, Portal

Springs, and Cabin springs. An analysis of existing groundwater monitoring wells shall be used to determine the effectiveness of the ground water withdrawal well. A report of those evaluations shall be submitted to EPA Region 6 and NMED within three months after completion of the interception system and groundwater withdrawal well. Should the seepage interception system or the groundwater withdrawal well prove ineffective at capturing discharges of pollutants traceable to mine operations, the permittee shall make any necessary alterations to the system which are required to capture such discharges. The permit may be reopened to address such discharges."

The inspection report does not include a reference to the original field investigation reports that addressed the first part of the above provision. Field investigation reports and changes to the design criteria were submitted February 26, April 5, and September 11, 2002 with copies provided to the NMED SWQB. EPA approved the design changes on September 23, 2002.

Further, as required by the permit, Molycorp submitted the initial effectiveness review for the system with the Vail Engineering Report¹ (2003) to EPA on May 2, 2003.

This report provided a comprehensive evaluation of each component of the water collection system, including the French drains and groundwater withdrawal wells within the first three months of operation. Molycorp believes that the information provided in the report satisfactorily evaluates the effectiveness of the system and meets the requirements specified in Part II.A of the NPDES permit.

A summary of the 2003 Vail Engineering evaluation concluded the following:

- Spring 13: During the first several weeks after installation, there was no noticeable seepage and no visible milkyness along the river north shore line. Subsequently, even though there was an apparent reduction in inlet flow to the French Drain system, there remained a considerable reduction in visible seepage along the shoreline in this reach of river.
- Spring 39: The drainage system appears to be operating satisfactorily, and has eliminated visual seepage flow along the adjacent shore line.
- Groundwater Withdrawal Wells: The groundwater withdrawal wells are functioning as expected, and are having the beneficial effect anticipated. However, because of the low permeability of the basin aquifer along the north side in the vicinity of the wells, the effects of pumpage will accrue over a longer period of time than anticipated. A gradual reduction of the conductance of the water pumped during the initial weeks of the system operation indicates that an

¹ Vail Engineering, Inc. Evaluation of Effectiveness - Spring 13 and 39 Seepage Collection Systems, Ground Water Withdrawal Wells. April 30, 2003

increasing percentage of basin flow water is being drawn from outside the seepage plume.

The inspection report indicates that the 2003 report suggests that *"the seepage interception system may not be 100% effective in capturing all discharges of pollutants traceable to mine operations."*

Molycorp is in compliance with the Permit. Implementation and operation of the water collection system Best Management Practices (BMPs) in accordance with Part II.A. of the Permit constitutes compliance based on the following permit provision. As the permit notes, *"The permittee shall install the following seepage interception and management system to comply with the prohibition against the discharge to the Red River of pollutants traceable to point source mine operations except in trace amounts. Implementation of these Best Management Practices is **considered compliance with this prohibition.**"* (Emphasis added).

As specified in the permit, field investigations, both before and after implementation of the BMPs, were conducted to determine any appropriate changes to the design of the BMPs, and to assess the effectiveness of the BMPs at intercepting the potential seepage. As noted above, the results of these investigations, showing that the BMPs have been effective, were submitted to the EPA and to NMED SWQB.

Furthermore, monthly visual inspections of the Red River and its banks are conducted and documented in quarterly reports submitted to the EPA, in accordance with Part II.A. of the NPDES Permit. The purpose of these inspections, which include the entire length of the Red River in the vicinity of Molycorp's facility, is to identify any significant seepage or discharge which may be directly from or hydrologically connected to Molycorp's mining operations. The quarterly inspections have not indicated any new significant discharge or seepage.

Lastly, as you are aware, Molycorp is conducting a Remedial Investigation / Feasibility Study (RI/FS) under an Administrative Order on Consent with EPA. This investigation has collected a considerable amount of data on the Red River and in many cases focused investigations were added to evaluate areas adjacent to the mine. The Water and Waste Management Division's Ground Water Quality Bureau has been involved in the process and has also been provided the data. Molycorp is willing to meet with you to discuss the results of the investigations to date.

Section B – Recordkeeping and Reporting Evaluation: Overall Rating of "Satisfactory"

As the Inspection Report notes: *Part III.C.2 of Permit NM0022036 requires that: "Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity."*

The Inspection Report noted that for the September 2005, sampling was conducted on a day that flow rates were approximately 10% lower compared to those flow rates that would have been reported under more "normal" monthly flow conditions.

Molycorp typically collects the monthly composite sample at Outfall 002 within the first 10 to 15 days of the month to allow sufficient time for laboratory analysis, evaluation, and reporting. Samples obtained from the Outfall 002 discharge are collected during normal flow conditions, or conditions that do not represent extremes in flow quantity (i.e., during or shortly after a storm event). Molycorp believes that average flow variations of 10% are representative of discharge water quality. Further, the associated loading conditions should not impact the compliance status of the discharge.

Section C – Operations and Maintenance: Overall rating of "Marginal"

Part III.B.3.a of permit NM0022306 states: "The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by permittee as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants and will achieve compliance with the conditions of this permit."

The inspection report further states:

Both seepage collection systems are checked daily and, in addition, failures in the systems are communicated to the permittee using a PLC communicator system that sets off an alarm in the mill control room. However, for much of the year, the mill is inactive and unmanned. According to the permittee's representatives, security staff check the mill and alarm system every two hours. Unfortunately, if problems in the seepage collection systems occur, setting off the alarms during the two hour intervals, the collection systems could be inoperable for up to two hours, resulting in permit non-compliance. Molycorp should revise these procedures so that the system problems/failures are recognized and appropriately addressed in a timelier fashion. In addition, although the mine area seepage interception system is subject to much less frequent power failures (last reported April 1, 2004) than the tailings system, Molycorp should consider implementing additional procedures designed to avoid spills and by-passes of the system.

Molycorp believes that its Operations and Maintenance Program is not marginal. Molycorp notes that during milling operations, which occurs three to four times a year, the mill continuously operates 3 shifts per day for a period of 4 to 6 weeks. In 2005, the mill will operate approximately 30% of the year. The operation of the BMPs in the mine area and the facilities at the tailings are automated. The seepage water diversion at the tailings facility was installed to operate remotely and also to continue operating during power outages (e.g., installation of generator that switches on automatically). As noted above, the only two bypasses occurring in 2005 at the tailings did not cause permit

limits to be exceeded. In addition, Molycorp is planning to upgrade the Tailings pumpback by installing an additional pump in a secondary vault.

The BMPs along the river (French drains and ground water withdrawal wells) operate remotely, and as BMPs, do not require a backup operating system. Currently, as an operating mine, daily checks are performed by Mill personnel. Molycorp is in compliance with the BMP requirements in the permit, and therefore temporary upsets to the system are not expected to discharge pollutants through a hydrologic connection to the Red River in a quantity greater than a trace amount and, as a result, will not constitute as an unauthorized discharge to the Red River.

Molycorp routinely performs maintenance activities to maintain the operational performance of the BMPs. For example, the French drains located at Springs 13 and 39 are cleaned on an annual basis or more frequently, as necessary. In addition, Spring 39 was damaged during high flows in the Red River in late May, early June 2005 and Molycorp has recently submitted design plans to the EPA, and other agencies for approval to perform maintenance and upgrade the Spring 39 drain to optimize operation of the collection system.

Items Marked as "No" on Inspection Checklist Form

Section A – Permit Verification, Item No. 4: "All discharges are permitted."

As stated above, the implementation of the BMPs, as required by Part II.A. of the Permit constitutes compliance with the prohibition at Spring 13, Spring 39, and springs in the vicinity of the old mill site below Sugar Shack South, such that the discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River shall be prohibited except in trace amounts. Molycorp has implemented the required BMPs and believes that all discharges are permitted.

Section C – Operations and Maintenance, Item No. 8: "Procedures for Emergency Treatment Control Established."

Molycorp has operational standards for the BMPs and the cutoff system for seepage at the tailings in place. Both of these systems are intended and designed to operate remotely. For the BMPs, no additional measures have been deemed necessary based upon the design and operation of these systems. For the system at the tailings, procedures are in place that address safety, inspections, preventative maintenance, bypass or upset release reporting procedures, and protocols non-routine operational events. In addition, a backup generator has been installed for the pump to automatically maintain operation during power outages.

Section E – Flow Measurement, Item No. 4: "Records Maintained of Calibration Procedures." No procedures documented.

Calibration procedures for the measurement of flow at outfall 002 consist of the following:

- 1) The stage height of water in the flume in the Outfall 002 manhole is manually measured by stick readings.
- 2) Based on the stage height, the corresponding discharge is calculated based on the specific flume geometry provided by the manufacturer.
- 3) The calculated flow is compared against the digital flow meter reading. If a discrepancy in flow determination greater than 10% exists, the digital flow meter is manually adjusted to the calculated discharge.

Manual flow measurements are taken and compared to the digital flow meter readings monthly. Other than performing necessary calibrations, no maintenance is conducted on the flow meter. If a problem develops, the flow meter is replaced. A backup meter is readily available at all times.

Section E – Flow Measurement, Item No. 7: "Flow Measurement Equipment Adequate to Handle Expected Range of Flow Rates." Not 004, 005.

As noted above, no discharges have occurred at Outfalls 004 and 005 since these outfalls were included in the permit issued in 1993. Molycorp does not anticipate future discharges at these locations. However, in the event of a discharge, the flow from these outfalls would be controlled and directed through a calibrated weir. Flow readings would be manually determined and, as required, the flow would be sampled. Based on the "Flow Measurements" section identified in the Outfall 004 and 005 provision of the Permit (Part I, Page 16), the daily flow value may be estimated using best engineering judgement and that the estimated flow measurements are not subject to the accuracy provisions established as Part III.C.6. of the Permit. Therefore, the flow measurement equipment installed at Outfalls 004 and 005 is adequate to handle the expected range of flow rates, if such a discharge were to occur.

Molycorp looks forward to meeting with you to further discuss the inspection and report. If you have any questions please contact Anne Wagner at (505) 586-7625 or Armando Martinez at (505) 586-7639.

Sincerely,



Roy Torres,
Manager, Operations

Mr. Richard Powell
November 30, 2005
Page 8 of 8

cc: S. Wilson, EPA
M. Gail Bohling – EPA
NMED District II, Santa Fe
NMED – Taos Field Office
S. Honan, Molycorp

SC

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

November 15, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

1 - Permit/CD
2 - AO & AD matl
3 - DMR's
4 - Via E-mail Log
5 - PCR
6 - Correspondence
7 - ERAS
Data Filed
Clerk's Info.

Dear Ms. Strickley:

Enclosed are the DMRs for the month of October, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of October.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

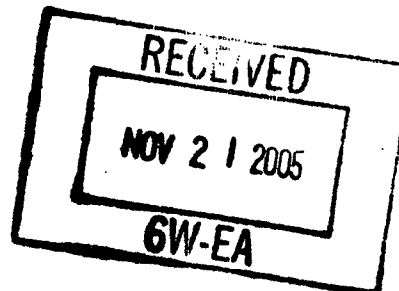
Sincerely yours,

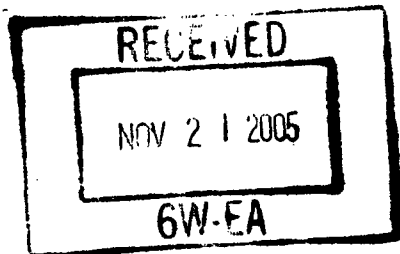
Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

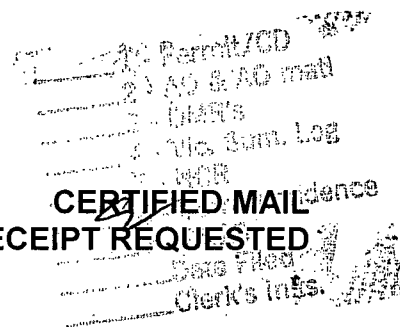




Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

SC



November 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306**

Dear Ms. Strickley:

As required under Part II.A of NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing the monthly visual inspections of the Red River and its banks. This report covers the months of August, September and October 2005. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **August:** Spring monitoring in the vicinity of the mine area was conducted on August 22, 26, and 31, 2005. Sulphur Gulch Seep, Shaft Springs, Upper Spring 39, and Goathill Gulch Seep, had no observable discharge or seepage. Active spring locations included Portal Springs, Cabin Springs, Spring 13, and Goathill Gulch Seep. Spring 39 was also active and exhibited high flow during the month. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on August 31, 2005. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

- September: Spring monitoring in the mine area was conducted on September 29 and 30, 2005. Sulphur Gulch Seep, Cabin Springs, Shaft Springs and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Portal Springs, and Spring 13. Spring 39 was also active and exhibited high flow during the month. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on September 30, 2005. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

- October: Spring monitoring in the vicinity of the mine area was conducted on October 31, 2005. Sulphur Gulch Seep, Shaft Springs, Upper Spring 39, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Portal Spring, Cabin Spring, and Spring 13. Spring 39 was active and exhibited high flow during the month. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on October 31, 2005. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

The Spring 39 French drain was damaged by high spring river flows during late May and early June. MolyCorp submitted a request for approval of the Spring 39 water collection system upgrade and repair to EPA dated November 3, 2005. Details of the upgrade and repair are contained within the submittal.

In conclusion, inspections during the past quarterly monitoring period did not identify any new significant discharge or seepage which may be directly from or hydrologically connected to MolyCorp's mining operations. Should you have any questions or concerns regarding this quarterly report or require additional information, please contact Armando Martinez at (505) 586-7639.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system

Ms. Waudelle Strickle
November 14, 2005
NPDES Permit NM0022306
Page 3

designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

SC

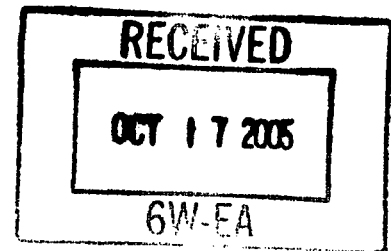


CERTIFIED MAIL RETURN RECEIPT

October 12, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306



Dear Ms. Strickley:

Enclosed are the DMRs for the month of September, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of September.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

JAN 06 2006



ICLS
11/2/06

RECEIVE

OCT 31 2005

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Air Toxics & Inspection
Coordination Branch
6EN-A

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code			NPDES										yr/mo/day			Inspection Type		Inspector		Fac Type											
1	N	2	5	3	N	M	0	0	2	2	3	0	6	11	12	0	5	1	0	1	2	17	18	C	19	S	20	2			
Remarks																															
M O L Y B D E N U M M I N E & M I L L S I C I 0 6 1																															
Inspection Work Days				Facility Evaluation Rating				BI		QA		Reserved																			
67				69				70		4		71		N		72		N		73		74		75		76		77		80	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time /Date		Permit Effective Date	
MOLYCORP, INC. MOLYBDENUM OPERATIONS, 3.5 MILES EAST OF QUESTA, NM ON NORTH SIDE ON NM 38		0950/10-12-05		2-1-01	
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)		Exit Time/Date		Permit Expiration Date	
* FRED MARTINEZ, LAB SUPERVISOR & ENVIRONMENTAL ANALYST 505-586-7673		1625/10-12-05		1-31-06	
Name, Address of Responsible Official/Title/Phone and Fax Number		Other Facility Data			
ROY TORRES, MANAGER, OPERATIONS, MOLYCORP, INC., P.O. BOX 469, QUESTA, NM 87556-0469, 505-586-7637		001-LAT 36 41 46.5, LONG -105 38 16.5			
		002-LAT 36 41 48.3, LONG -105 37 12.3			
		004-LAT 36 41 11.0, LONG -105 32 5.0			
		005-LAT 36 41 42.8, LONG -105 29 21.2			
		Contacted			
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

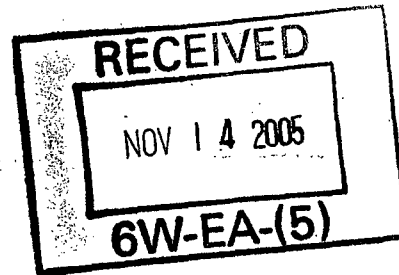
Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

M	Permit	S	Flow Measurement	M	Operations & Maintenance	N	CSO/SSO
S	Records/Reports	S	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	S	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	S	Laboratory	N	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. THERE MAY STILL BE "DISCHARGES OF POLLUTANTS TRACEABLE TO MINE OPERATIONS" FROM SEEPS AND SPRINGS FROM THE MINE SEEPAGE INTERCEPTION SYSTEM AT THIS FACILITY.
2. SEE REPORT AND FURTHER EXPLANATIONS

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Data filed
Clerk's info.



RICHARD E. POWELL		Agency/Office/Telephone/Fax		Date	
		NMED/SWQB 505-827-2798		10-28-05	
Signature of Management QA Reviewer		Agency/Office/Phone and Fax Numbers		Date	
[Signature]		NMED/SWQB 505-827-2933 2006		10-28-05	

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS
DETAILS:☐ S ☒ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED YES)

1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE

☒ Y ☐ N ☐ NA

2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES

☐ Y ☐ N ☒ NA

3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT

☒ Y ☐ N ☐ NA

4. ALL DISCHARGES ARE PERMITTED

☐ Y ☒ N ☐ NA

SECTION B - RECORDKEEPING AND REPORTING EVALUATION

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT.
DETAILS:☒ S ☐ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED YES)

1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs.

☒ Y ☐ N ☐ NA

2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE

☒ S ☐ M ☐ U ☐ NA

a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING

☒ Y ☐ N ☐ NA

b) NAME OF INDIVIDUAL PERFORMING SAMPLING

☒ Y ☐ N ☐ NA

c) ANALYTICAL METHODS AND TECHNIQUES.

☒ Y ☐ N ☐ NA

d) RESULTS OF ANALYSES AND CALIBRATIONS.

☒ Y ☐ N ☐ NA

e) DATES AND TIMES OF ANALYSES.

☒ Y ☐ N ☐ NA

f) NAME OF PERSON(S) PERFORMING ANALYSES.

☒ Y ☐ N ☐ NA

3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. DID NOT INSPECT CONTRACT LAB

☐ S ☐ M ☐ U ☒ NA

4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.

☒ S ☐ M ☐ U ☐ NA

5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA.

☒ Y ☐ N ☐ NA

SECTION C - OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.
DETAILS:☐ S ☒ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED YES)

1. TREATMENT UNITS PROPERLY OPERATED.

☐ S ☒ M ☐ U ☐ NA

2. TREATMENT UNITS PROPERLY MAINTAINED.

☒ S ☐ M ☐ U ☐ NA

3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED. GENERATOR FOR TAILINGS/NOTHING FOR MINE SITE

☐ S ☒ M ☐ U ☐ NA

4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. PLC COMMUNICATOR

☐ S ☒ M ☐ U ☐ NA

5. ALL NEEDED TREATMENT UNITS IN SERVICE.

☒ S ☐ M ☐ U ☐ NA

6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED.

☒ S ☐ M ☐ U ☐ NA

7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED.

☒ S ☐ M ☐ U ☐ NA

8. OPERATION AND MAINTENANCE MANUAL AVAILABLE.

☒ Y ☐ N ☐ NA

STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED.

☒ Y ☐ N ☐ NA

PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED.

☐ Y ☒ N ☐ NA

SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? SEVERAL
IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED?
HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS?

☒ Y ☐ N ☐ NA
☒ Y ☐ N ☐ NA
☒ Y ☐ N ☐ NA

10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT?
IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT?

☐ Y ☐ N ☒ NA
☐ Y ☐ N ☒ NA

SECTION D - SELF-MONITORING

PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS.
DETAILS:

☒ S ☐ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED NO. __)

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT.

☒ Y ☐ N ☐ NA

2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES.

☒ Y ☐ N ☐ NA

3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT. MANUAL COMPOSITE PER PART ILD

☒ Y ☐ N ☐ NA

4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT.

☒ Y ☐ N ☐ NA

5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT.

☒ Y ☐ N ☐ NA

6. SAMPLE COLLECTION PROCEDURES ADEQUATE

☒ Y ☐ N ☐ NA

a) SAMPLES REFRIGERATED DURING COMPOSITING.

☒ Y ☐ N ☐ NA

b) PROPER PRESERVATION TECHNIQUES USED.

☒ Y ☐ N ☐ NA

c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3.

☒ Y ☐ N ☐ NA

7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE
THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT? 1/3 MONTH DUPLICATES

☒ Y ☐ N ☐ NA

SECTION E - FLOW MEASUREMENT

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS.
DETAILS:

☒ S ☐ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED NO. __)

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED.
TYPE OF DEVICE 10" PALMER BOLUS FLUME-002, 004&005-RECTANGULAR WEIRS

☒ Y ☐ N ☐ NA

2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED.

☒ Y ☐ N ☐ NA

3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED ISCO ULTRASONIC

☒ Y ☐ N ☐ NA

4. CALIBRATION FREQUENCY ADEQUATE. (DATE OF LAST CALIBRATION SEPTEMBER 30, 2005)
RECORDS MAINTAINED OF CALIBRATION PROCEDURES. NO PROCEDURES DOCUMENTED.
CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE.

☒ Y ☐ N ☐ NA
☐ Y ☒ N ☐ NA
☒ Y ☐ N ☐ NA

5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE.

☒ Y ☐ N ☐ NA

6. HEAD MEASURED AT PROPER LOCATION.

☒ Y ☐ N ☐ NA

7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES. NOT 004, 005

☐ Y ☒ N ☐ NA

SECTION F - LABORATORY

PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS.
DETAILS:

☒ S ☐ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED NO. __)

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES)

☒ Y ☐ N ☐ NA

SECTION F - LABORATORY (CONT'D)

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED ☐ Y ☐ N ☒ NA
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. ☒ S ☐ M ☐ U ☐ NA
4. QUALITY CONTROL PROCEDURES ADEQUATE. ☒ S ☐ M ☐ U ☐ NA
5. DUPLICATE SAMPLES ARE ANALYZED. 33 % OF THE TIME. ☒ Y ☐ N ☐ NA
6. SPIKED SAMPLES ARE ANALYZED. 0 % OF THE TIME. ☐ Y ☐ N ☒ NA
7. COMMERCIAL LABORATORY USED. ☒ Y ☐ N ☐ NA

LAB NAME PARAGON ANALYTICS, INC.LAB ADDRESS 225 COMMERCE DR., FORT COLLINS, CO 80524PARAMETERS PERFORMED ALL BUT pH FLOW

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS.

☒ S ☐ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED NO.).

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
002	NO	NO	NO	NO	NO	CLEAR	
001, 004, 005	NO FLOW						

RECEIVING WATER OBSERVATIONS

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS.
DETAILS:☐ S ☐ M ☐ U ☒ NA (FURTHER EXPLANATION ATTACHED NO.).

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. ☐ S ☐ M ☐ U ☐ NA
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. ☐ S ☐ M ☐ U ☐ NA
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

SECTION I - SAMPLING INSPECTION PROCEDURES

(FURTHER EXPLANATION ATTACHED NO.).

1. SAMPLES OBTAINED THIS INSPECTION. ☐ Y ☒ N ☐ NA
2. TYPE OF SAMPLE OBTAINED
GRAB COMPOSITE SAMPLE METHOD FREQUENCY
3. SAMPLES PRESERVED. ☐ Y ☐ N ☐ NA
4. FLOW PROPORTIONED SAMPLES OBTAINED. ☐ Y ☐ N ☐ NA
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. ☐ Y ☐ N ☐ NA
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE. ☐ Y ☐ N ☐ NA
7. SAMPLE SPLIT WITH PERMITTEE. ☐ Y ☐ N ☐ NA
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. ☐ Y ☐ N ☐ NA
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. ☐ Y ☐ N ☐ NA

Compliance Evaluation Inspection
Molycorp, Inc.
NPDES Permit #NM0022306, October 12, 2005

Further Explanations

Introduction

On October 12, 2005, a Compliance Evaluation Inspection (CEI) was conducted at the Molycorp, Inc. - Questa Mine located at Questa, New Mexico by Richard E. Powell of the State of New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB). Molycorp is classified as a major discharger under the federal Clean Water Act, Section 402 National Pollutant Discharge Elimination System (NPDES) permit program and is assigned permit #NM0022306. This permit allows process water, collected tailings pond seepage and mine drainage discharges to receiving waters named Red River which is a classified tributary to the Rio Grande in Segment 20.6.4.122 NMAC of the Rio Grande Basin. The inspector contacted the Molycorp representative, Mr. Fernando (Fred) Martinez, Lab Supervisor & Environmental Analyst, at 0950 hours on October 12, 2005, made introductions, presented his credentials, and discussed the purpose of the inspection.

The SWQB performs a certain number of CEI's for the U.S. Environmental Protection Agency (USEPA) each year. The purpose of this inspection is to provide USEPA with information to evaluate the permittee's compliance with the NPDES permit. The enclosed report is based on review of files maintained by both the permittee and SWQB, on-site observation by SWQB personnel and verbal information provided by the permittee's representatives.

Treatment Scheme

This active molybdenum mine and mill (mine operates continuously and mill operates sporadically for several weeks at a time) site is allowed to discharge mine drainage, collected tailings pond seepage and discharges from an ion exchange facility, from four permitted outfalls (001, 002, 004 and 005) under permit #NM0022306. The permit at Part I.B prohibits the "discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River." Part II.A of the permit requires implementation of Best Management Practices (BMPs), which include installation of seepage interception systems (French drains) at springs 13 and 39, installation of ground water withdrawal wells to collect seepage in the vicinity of the old mill site below the Sugar Shack South waste rock pile, and installation of a seepage pump-back system. According to the permit, implementation of these BMPs constitute compliance with this prohibition for these springs. These BMPs include the following (there have been minor changes, approved by EPA, since permit issuance to these BMPs):

- Installation of 1000 feet of 4-inch diameter PVC drain line installed at a depth of 18 inches at Spring 13. The upper 400 feet of the drain line along the river seepage area is perforated with 3/8 inch diameter holes at a 10 foot spacing. The lower 600 feet of the line is perforated with 3/8 inch holes at a 16 foot spacing.
- Installation of 300 feet of 4-inch diameter PVC drain line installed at a depth of 18 inches at Spring 39. The line is perforated with 3/8 inch diameter holes at an 8 foot spacing.

- Installation of three ground water collection wells to collect seepage in the vicinity of the old mill site below the Sugar Shack South waste rock pile.

Seepage collected in the Spring 13 and 39 French drain systems is directed to the Columbine Pump Station and then to the mill treatment system. The ground water collection wells are pumped directly to the mill treatment system. The mill treatment system is a four-cell system where the pH is raised in stages by addition of lime. Discharges from the treatment system are pumped to the active tailings impoundments.

Additional BMPs include requirements to conduct a field investigation to determine methods for potential enhancement of the collection efficiency of these seepage systems, evaluation of these seepage systems to determine their effectiveness, and monthly visual inspections of the Red River and its banks in the vicinity of the facility, to identify and characterize any significant discharge or seepage which may be directly from, or hydrologically connected to, the mining operations.

When operational, the ion exchange (IX) plant produces discharges of process wastewater from outfall 001. No discharges from this outfall have been reported for several years and no evidence of recent discharges was observed on the date of this inspection.

Discharges occur continuously from outfall 002. These discharges are collected seepage from the permittee's tailings pond impoundments. Although not treated, a review of the DMR's submitted by the permittee reveals no recent exceedences of permit effluent limits.

Molycorp has also installed a groundwater collection system in the vicinity of the tailings pond impoundments under Administrative Order CWA-6-01-1204. This system is intended to assure compliance with total manganese effluent limits at outfall 002. This system consists of five dewatering wells at various depths, three of which are pumped to a concrete sump then to the tailings pond impoundments, and the other two of which are pumped directly back to the tailings pond impoundments. The sump is intended to operate at a 70% of total depth level. An ultrasonic sensor keeps track of water levels in the sump and communicates with a Programmable Logic Controller (PLC), which in turn communicates with the sump pump. The sump pump motor speed is controlled by the PLC to maintain the desired 70% depth level. Higher levels can result in a direct discharge through outfall 002. Power grid failures occur fairly frequently in this area and, in a commendable attempt to avoid regular, untreated discharges directly to outfall 002, Molycorp has installed a regularly exercised backup generator for the sump pump since the last SWQB inspection. However, it takes approximately 15 – 20 seconds for the generator to activate after system power failure and, if groundwater flow rates are sufficiently high, the level raises enough in the sump before the pump is re-activated to allow discharge to outfall 002. Molycorp has reported several "by-passes" in the past year for this reason.

Discharges of periodic mine drainage consisting of mine contacted storm water runoff are permitted from outfalls 004 and 005. Outfall 004 is located adjacent to the mine administration building in Goathill Gulch. A number of small impoundments have been constructed upstream of the outfall location to capture mine drainage and storm water runoff from undeveloped areas, waste rock piles and other mine related facilities. Runoff to these ponds is allowed to infiltrate and/or evaporate rather than discharge to surface waters. All of these small impoundments are equipped with discharge

structures, and it is evident that sufficiently large precipitation or snowmelt events would produce discharges to the Red River. However, no discharges have been reported from this outfall, since this outfall was included in the prior permit issued in 1993.

Outfall 005 is located at the mill site. A small impoundment has been constructed adjacent to the mill office and laboratory building to capture mine drainage from the open pit area, the mill and crusher sites, access/haulage roads and other mine/mill related facilities. The permittee has recently installed a two pump, two pipeline, and automated pump control system in this impoundment to keep the pond de-watered. Discharges are pumped to the mill. The permittee has also constructed a spillway in the impounding structure. Discharges (if any) from the pond flow through a wooden 18" rectangular weir installed just downstream of the spillway in the outlet channel, into the Red River. No discharge has been reported from this outfall since this outfall was included in the prior permit issued in 1993. There was one discharge from the pond pump-back system while it was under construction, which was reported as an unpermitted discharge and remediated under Administrative Order CWA-06-2005-1750.

No engineering data was presented during this inspection indicating the design capacities of any of these impoundments. It is unclear that the treatment (by settling) of runoff to these impoundments is sufficient to ensure that permit effluent limits will be met, when and if discharges occur.

Please see the USEPA inspection form and the Further Explanations for additional findings and details regarding the evaluation of the permittee's compliance with the NPDES permit. Some of the major findings, noted on the inspection form, are as follows:

Permit Requirements

Section A – Permit Verification Evaluation: Overall rating of "Marginal"

As above, the permit at Part I.B prohibits the "discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River." *In addition, Part II.A of permit NM0022306 states:*

The permittee shall conduct a field investigation to determine available alterations in the seepage interception system listed above which will potentially enhance its collection efficiency. The field investigation must at a minimum include:

- a. Determination of the groundwater elevation, direction of flow, and gradient in the vicinity of spring 13, spring 39...*
- b. Determination of the hydrological characteristics of the shallow ground water aquifer...*

and

Upon completion of the seepage interception system, the permittee shall evaluate the system to determine its effectiveness. The evaluation shall include a determination of the ground water yield relative to the volume and flow rate observed in the field investigation described above and a visual examination of the Red River and its northern bank in the vicinity of Spring 13, Spring 39, Portal Springs, and Cabin

Springs...A report of those evaluations shall be submitted to EPA Region 6 and NMED within three months after completion of the interception system and ground water withdrawal well. Should the seepage interception system or the ground water withdrawal well prove ineffective at capturing discharges of pollutants traceable to mine operations, the permittee shall make any necessary alterations to the system which are required to capture such discharges. The permit may be reopened to address such discharges.

Molycorp submitted a report prepared by Vail Engineering, Inc. dated April 30, 2003, in correspondence to EPA dated May 2, 2003, to satisfy this reporting requirement. Presumably, ~~Molycorp did the above required field investigation, but that is not evident from reading the Vail report.~~ SWQB understands that there are other reports and data concerning these issues, which were not readily available on the date of, or subsequent to this inspection, that might shed additional light on the findings documented in this inspection report. However, the Vail report seems to indicate that the seepage interception system may not be 100% effective in capturing all "discharges of pollutants traceable to mine operations," particularly in the spring 13 area, and possibly in the spring 39, Cabin and Portal Springs, areas. SWQB is unaware that the permittee has made any alterations to this system, which are required to capture all such discharges. Consequently, there may still be "discharges of pollutants traceable to mine operations" from seeps and springs in the vicinity of this facility. SWQB believes that Molycorp should provide any additional information to which it has access to EPA and SWQB to clarify this issue. Lacking adequate additional information, these discharges, if any, should be addressed either by reopening the current permit or, addressed during the upcoming permit re-issuance process.

Section B - Recordkeeping and Reporting Evaluation: Overall rating of "Satisfactory"

Part III.C.2 of permit NM0022306 requires that:

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

The permittee manually composite samples once per month at outfall 002. The permittee takes three aliquots throughout the sampling day and determines the required volume of each aliquot by multiplying the instantaneous flow in gallons per minute at the time of individual sample collection, times a factor to determine a sufficient aliquot volume in milliliters, to yield sufficient total sample size. Although this is a somewhat unconventional method for determining aliquot size for compositing, it yields the same aliquot size as more conventional methods.

For September 2005, sampling was done on a day that flow rates were approximately 10% less than the reported monthly average flow. As a consequence, calculated loading results reported were approximately 10% low compared to those that would have been reported under more "normal" monthly flow conditions. In this case, this had no impact on the compliance status of this discharge. Presumably, during other months, the permittee samples during average or higher flow periods.

Section C –Operations and Maintenance: Overall rating of “Marginal”

Part III.B.3.a of permit NM0022306 states:

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by permittee as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants and will achieve compliance with the conditions of this permit.

Both seepage collection systems at this facility are checked daily and, in addition, failures in the systems are communicated to the permittee using a PLC communicator system that sets off an alarm in the mill control room. However, for much of the year, the mill is inactive and unmanned. According to the permittee's representatives, security staff check the mill and alarm system every two hours. Unfortunately, if problems in the seepage collection systems occur, setting off the alarms during the two hour intervals, the collection systems could be inoperable for up to two hours, resulting in permit non-compliance. Molycorp should revise these procedures so that system problems/failures are recognized and appropriately addressed in a timelier manner. In addition, although the mine area seepage interception system is subject to much less frequent power failures (last reported April 1, 2004) than the tailings system, Molycorp should consider implementing additional procedures designed to avoid spills and by-passes of this system.

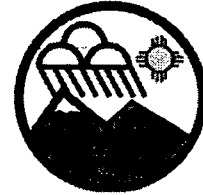
An exit interview to discuss the preliminary findings of this inspection was conducted from approximately 1600 - 1620 hours on October 12, 2004 with Mr. Fred Martinez, at the laboratory office.



BILL RICHARDSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

Surface Water Quality Bureau
Harold Runnels Building Room N2050
1190 St. Francis Drive - Zip 87505
P.O. Box 26110 - Zip 87502-6110
Santa Fe, New Mexico
Telephone (505) 827-0187
Fax (505) 827-0160
www.nmenv.state.nm.us



RON CURRY
SECRETARY

DERRITH WATCHMAN MOORE
DEPUTY SECRETARY

Certified Mail - Return Receipt Requested

RECEIVE

October 28, 2005

OCT 31 2005

Mr. Roy Torres
Molycorp, Inc., Questa Division
P.O. Box 469
Questa, New Mexico 87556

Air/Toxics & Inspection
Coordination Branch
6EN-A

RE: Compliance Evaluation Inspection, Molycorp, Inc., NPDES #NM0022306, October 12, 2005

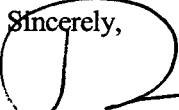
Dear Mr. Torres:

Enclosed, please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas, for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are discussed in the Further Explanations section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing, both USEPA and NMED regarding modifications and compliance schedules.

My thanks for the help and cooperation of Mr. Fred Martinez, during this inspection. If you have any questions, please feel free to contact me at the above address or by telephone at (505) 827-2798.

Sincerely,


Richard E. Powell
Surface Water Quality Bureau

xc: Marcia Gail Bohling, USEPA (6EN-AS)
USEPA, NPDES Permits Branch (6WQ-P)
NMED, District II, Santa Fe
NMED, Taos Field Office

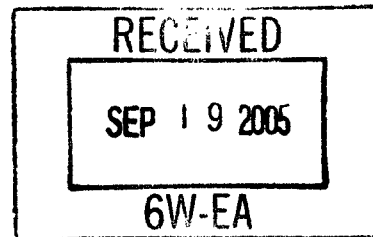
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

September 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202




Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of August, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of August.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,


Roy A. Torres
Manager, Operations
Questa Division

1 - Permit/CD
2 - PO & AO matl
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CHAS
Data Filed
Clerk's Infs.

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

JAN 06 2006

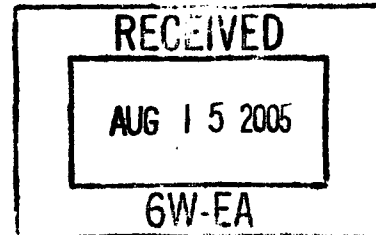
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



CERTIFIED MAIL RETURN RECEIPT

August 12, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of July, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of July.

Also enclosed are the Bio-Monitoring DMRs for samples taken during the 1st quarter of 2005 for Outfall 002 for permit No. NM0022306. The results consist of the semi-annual *Ceriodaphnia dubia* monitoring. Please be advised that there was no discharge from Outfall 001 during the first half of 2005. Therefore no samples were available for Bio-Monitoring.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

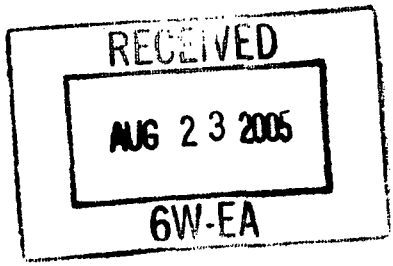
Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AQ & AQ matl
3 - DMR's
4 - WQ, Run Log
5 - NCR
6 - Correspondence
7 - C&S
Date Filed
Clerk's Inits.

WS



Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

August 12, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306** ✓

Dear Ms. Strickley:

As required under Part II.A of NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing the monthly visual inspections of the Red River and its banks. This report covers the months of May, June, and July 2005. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **May:** Spring monitoring in the vicinity of the mine area was conducted on May 27, 2005. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, Upper Spring 39, Goathill Gulch Seep, and Spring 13 were all covered with high river runoff therefore flow at these locations could not be observed.

Inspection of the Red River near the tailings facility was conducted on May 24, 2005. Existing spring monitoring locations, down-gradient from the tailings dams with the exception of Spring 12 and Spring 15 were inspected and found to be actively flowing. Observed flow rates were low compared to seasonal flows we have seen at these locations in recent years. Spring 12 and Spring 15 were inaccessible due to the high river runoff and as a result flow could not be observed.

- 1 - Permit/CD
- 2 - AG & AG matl
- 3 - DMR's
- 4 - Vis. Sum. Log
- 5 - MCH
- 6 - Correspondence
- 7 - CHAS
- Date Filed
- Clerk's Inits.

- June: Spring monitoring in the mine area was conducted on June 29 and 30, 2005. Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, Upper Spring 39, Spring 39, and Spring 13. Spring 39 was active and exhibited high flow during the month. The French drain that is installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on June 29, 2005. Existing spring monitoring locations, down-gradient from the tailings dams with the exception of Spring 12 and Spring 15 were inspected and found to be actively flowing. Observed flow rates at other locations were typical of the seasonal flows we have seen at these locations in recent years. Spring 12 and Spring 15 were covered by high river runoff and as a result flow could not be observed at these locations.

- July: Spring monitoring in the vicinity of the mine area was conducted on July 25, 26, and 30, 2005. Sulphur Gulch Seep, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Portal Spring, Cabin Spring, Upper Spring 39, Spring 39, and Spring 13. Spring 39 was active and exhibited high flow during the month. The French drain that is installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on July 21, and 27, 2005. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

The Spring 39 French drain was damaged by high spring river flows during late May and early June. It appears that at least two clean out pipes associated with the French drain have been washed out by the high spring river runoff. Preparations are underway to determine whether the French drain remains intact and also to evaluate if there are obstructions or breakages within the drain. If it is determined that the drain is damaged Molycorp plans to replace the entire drain.

In conclusion, inspections during the past quarterly monitoring period did not identify any new significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations. Should you have any

questions or concerns regarding this quarterly report or require additional information, please contact Armando Martinez at (505) 586-7639.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

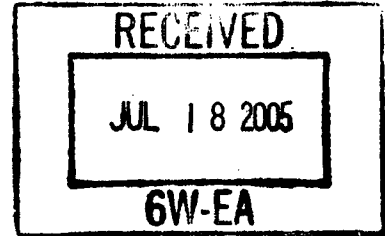
WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

July 15, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: **DMRS - NPDES Permit No. NM0022306**

Dear Ms. Strickley:

Enclosed are the DMRs for the month of June, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of June.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AQ & AQ matl
3 - DMR
4 - Per. Sum. Log
5 - AQ
6 - Other
7 - Other
8 - Other
9 - Other
10 - Other
11 - Other
12 - Other
13 - Other
14 - Other
15 - Other
16 - Other
17 - Other
18 - Other
19 - Other
20 - Other
21 - Other
22 - Other
23 - Other
24 - Other
25 - Other
26 - Other
27 - Other
28 - Other
29 - Other
30 - Other
31 - Other
32 - Other
33 - Other
34 - Other
35 - Other
36 - Other
37 - Other
38 - Other
39 - Other
40 - Other
41 - Other
42 - Other
43 - Other
44 - Other
45 - Other
46 - Other
47 - Other
48 - Other
49 - Other
50 - Other
51 - Other
52 - Other
53 - Other
54 - Other
55 - Other
56 - Other
57 - Other
58 - Other
59 - Other
60 - Other
61 - Other
62 - Other
63 - Other
64 - Other
65 - Other
66 - Other
67 - Other
68 - Other
69 - Other
70 - Other
71 - Other
72 - Other
73 - Other
74 - Other
75 - Other
76 - Other
77 - Other
78 - Other
79 - Other
80 - Other
81 - Other
82 - Other
83 - Other
84 - Other
85 - Other
86 - Other
87 - Other
88 - Other
89 - Other
90 - Other
91 - Other
92 - Other
93 - Other
94 - Other
95 - Other
96 - Other
97 - Other
98 - Other
99 - Other
100 - Other

AUG 18 2005

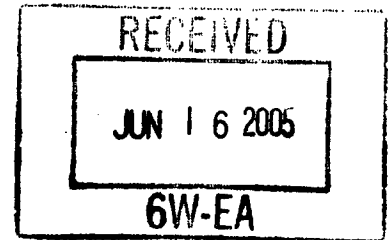
DEA
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

June 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of May, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of May.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

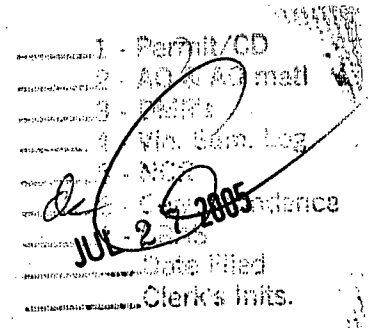
Sincerely yours,

A handwritten signature in cursive script that reads "Roy A. Torres".

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp



1 Sc

EPA

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code 1 N 2 5	NPDES 3 N M 0 0 2 2 3 0 6 11	yr/mo/day 12 0 5 0 5 1 8 13	Inspection Type 1a C	Inspector 1a R	Fac Type 20 2
21 S I C C O D E : 1 0 6 1					
Inspection Work Days 67 1 69	Facility Evaluation Rating 70	BI 71 N	QA 72 N	Reserved 73 74 75 76 77 78 79 80	

Section B: Facility Data

Name and Location of Facility Inspected Molycorp, Inc. Questa Mine 3 Miles East of Questa on HWY 38 Questa, NM 87556	Entry Time/Date 9:25am/5-18-05	Permit Effective Date 2-1-01
Name(s) of On-Site Representative(s) Armando Martinez Anne Wagner, Ph.D.	Exit Time/Date 3:55pm/5-18-05	Permit Expiration Date 1-31-06
Name, Address of Responsible Official Roy Torres P.O. Box 469 Questa, NM 87556	Title Manager, Operations	Phone No(s) 505-586-7639 505-586-7625
Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S Permit	S Flow Measurement	S Operations & Maintenance	N Storm Water
S Records/Reports	S Self-Monitoring Program	S Sludge Handling/Disposal	N Combined Sewer Overflow
S Facility Site Review	N Compliance Schedules	N Pretreatment	N Sanitary Sewer Overflow
S Effluent/Receiving Waters	S Laboratory	S Pollution Prevention	<input type="checkbox"/> Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

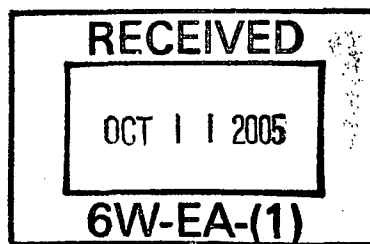
ATTACHMENTS:

INSPECTION CHECKLIST

PHOTOLOG

A compliance evaluation inspection was conducted at Molycorp Inc.'s Questa Molybdenum Mine in Questa New Mexico. Molycorp currently mines molybdenite ore from an underground source. The operation brings molybdenite ore to the surface for processing. The ore is transported via conveyor belt to various sized crushers. The crushed ore is then transported to the mill operation where it is ground down to smaller and smaller sizes. The crushed ore is then sent through flotation where the molybdenum is separated from the rock ore. Screening and cycloning is also used to recover various sized particles.

The facility usually has zero discharge from OTFLs 001, 004, and 005. No areas of concern were noted during the inspection.



Name(s) and Signature(s) of Inspector(s) Patricia A. Willis <i>Patricia Willis</i>	Agency/Office/Telephone EPA/6EN-AS/(214)665-8356	Date 9-30-05
Signature of Reviewer <i>David Long</i>	Agency/Office EPA/6EN-AS	Date 9/30/2005

MAY 05 2006

SECTION A - PERMIT VERIFICATION

 PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached NO)

DETAILS:

 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE. ☒ Y ☐ N ☐ N/A

 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES. ☐ Y ☐ N ☒ N/A

 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT. ☒ Y ☐ N ☐ N/A

 4. ALL DISCHARGES ARE PERMITTED. ☒ Y ☐ N ☐ N/A

SECTION B - RECORDKEEPING AND REPORTING EVALUATION

 RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached NO)

DETAILS:

 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs. ☒ S ☐ M ☐ U ☐ N/A

 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE: ☒ S ☐ M ☐ U ☐ N/A

 a. DATES, TIMES AND LOCATION(S) OF SAMPLING. ☒ S ☐ M ☐ U ☐ N/A

 b. NAME OF INDIVIDUAL PERFORMING SAMPLING. ☒ S ☐ M ☐ U ☐ N/A

 c. ANALYTICAL METHODS AND TECHNIQUES. ☒ S ☐ M ☐ U ☐ N/A

 d. RESULTS OF ANALYSES AND CALIBRATION. ☒ S ☐ M ☐ U ☐ N/A

 e. DATES AND TIMES OF ANALYSES. ☒ S ☐ M ☐ U ☐ N/A

 f. NAME OF PERSON PERFORMING ANALYSES. ☒ S ☐ M ☐ U ☐ N/A

 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. ☒ S ☐ M ☐ U ☐ N/A

 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE, REPAIRS. ☒ S ☐ M ☐ U ☐ N/A

 5. EFFLUENT LOADINGS CALCULATED CORRECTLY USING DAILY EFFLUENT FLOW DATA AND DAILY EFFLUENT QUALITY DATA. ☒ S ☐ M ☐ U ☐ N/A

SECTION C - OPERATIONS AND MAINTENANCE

 TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached NO)

DETAILS:

 1. TREATMENT UNITS PROPERLY OPERATED. ☒ S ☐ M ☐ U ☐ N/A

 2. TREATMENT UNITS PROPERLY MAINTAINED. ☒ S ☐ M ☐ U ☐ N/A

 3. STANDBY POWER OR OTHER EQUIVALENT PROVISION PROVIDED. ☒ S ☐ M ☐ U ☐ N/A

 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. ☒ S ☐ M ☐ U ☐ N/A

 5. ALL NEEDED TREATMENT UNITS IN SERVICE. ☒ S ☐ M ☐ U ☐ N/A

 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED. ☒ S ☐ M ☐ U ☐ N/A

 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED. ☒ S ☐ M ☐ U ☐ N/A

 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE. ☒ Y ☐ N ☐ N/A

 STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED. ☒ Y ☐ N ☐ N/A

 PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED. ☒ Y ☐ N ☐ N/A

SECTION C - OPERATIONS AND MAINTENANCE (cont.)

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? ☐ Y ☒ N ☐ N/A
 IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? ☐ Y ☐ N ☒ N/A
 HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT BYPASSES/OVERFLOWS? ☐ Y ☐ N ☒ N/A
10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? ☐ Y ☒ N ☐ N/A
 IF SO, DID PERMIT EFFLUENT VIOLATIONS OCCUR AS A RESULT? ☐ Y ☐ N ☒ N/A

SECTION D - SELF-MONITORING

 PERMITTEE SELF-MONITORING MEETS PERMIT REQUIREMENTS. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached NO)

DETAILS:

1. SAMPLES TAKEN AT SITES SPECIFIED IN PERMIT. ☒ Y ☐ N ☐ N/A
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. ☒ Y ☐ N ☐ N/A
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT. ☒ Y ☐ N ☐ N/A
4. SAMPLING AND ANALYSIS COMPLETED ON PARAMETERS SPECIFIED IN PERMIT. ☒ Y ☐ N ☐ N/A
5. SAMPLING AND ANALYSIS PERFORMED AT FREQUENCY SPECIFIED IN PERMIT. ☒ Y ☐ N ☐ N/A
6. SAMPLE COLLECTION PROCEDURES ADEQUATE. ☒ Y ☐ N ☐ N/A
- a. SAMPLES REFRIGERATED DURING COMPOSITING. ☒ Y ☐ N ☐ N/A
- b. PROPER PRESERVATION TECHNIQUES USED. ☒ Y ☐ N ☐ N/A
- c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136.3. ☒ Y ☐ N ☐ N/A
7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT? ☐ Y ☐ N ☒ N/A

SECTION E - FLOW MEASUREMENT

 PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached NO)

 DETAILS: **Meter calibrations are performed by inhouse technicians.**

1. PRIMARY FLOW MEASURING DEVICE PROPERLY INSTALLED AND MAINTAINED. ☒ Y ☐ N ☐ N/A
 TYPE OF DEVICE OTFL 002: 10" Palmer Bowlus Flume/OTFLs 001, 004 & 005: contracted rectangular weirs.
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED. ☒ Y ☐ N ☐ N/A
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED. ☒ Y ☐ N ☐ N/A
4. CALIBRATION FREQUENCY ADEQUATE. (Date/s of last calibration/s: 3-11-05) ☒ Y ☐ N ☐ N/A
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES. ☒ Y ☐ N ☐ N/A
 CALIBRATION CHECKS PERFORMED TO ASSURE CONTINUED COMPLIANCE. ☒ Y ☐ N ☐ N/A
5. FLOW ENTERING DEVICE WELL-DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE. ☒ Y ☐ N ☐ N/A
7. HEAD BEING MEASURED AT PROPER LOCATION. ☒ S ☐ M ☐ U ☐ N/A
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES. ☒ S ☐ M ☐ U ☐ N/A

SECTION F - LABORATORY

 PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached NO)

DETAILS:

1. EPA APPROVED ANALYTICAL TESTING PROCEDURES USED. (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES) ☒ S ☐ M ☐ U ☐ N/A

SECTION F - LABORATORY (cont.)

2. IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED. ☐ S ☐ M ☐ U ☒ N/A
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. ☒ S ☐ M ☐ U ☐ N/A
4. QUALITY CONTROL PROCEDURES ADEQUATE. ☒ S ☐ M ☐ U ☐ N/A
5. DUPLICATE SAMPLES ARE ANALYZE <10 % OF TIME ☒ S ☐ M ☐ U ☐ N/A
6. SPIKED SAMPLES ARE ANALYZED <10 % OF TIME ☒ S ☐ M ☐ U ☐ N/A
7. COMMERCIAL LABORATORY USED. ☒ Y ☐ N ☐ N/A

 LAB NAME **Paragon Analytics, Inc.**

 LAB ADDRESS **Fort Collins, CO**

 PARAMETERS PERFORMED **All but pH**

 SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. (Further explanation attached: **NO**)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
001A	NO FLOW						
002A	NONE	NONE	CLEAR	NONE	NONE	CLEAR	
004A	NO FLOW						
005A	NO FLOW						

RECEIVING WATER OBSERVATIONS **OTFL 002 consists of continuous seepage discharge from the tailings impoundment to the Red River. OTFLs 004 & 005 consist of intermittent mine drainage of mine contact surface storm water runoff to the Red River. OTFL 001 consists of process water from milling operations and tailings disposal, including mine dewatering and interceptor wells to the Red River. See photolog showing visuals of 002A.**

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. ☒ S ☐ M ☐ U ☐ N/A (Further explanation attached: **NO**)

DETAILS: **Thickened waste (sludge) from the thickeners (clarifiers) is pumped back through the process, and therefore, no disposable sludge is generated.**

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. ☒ S ☐ M ☐ U ☐ N/A
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. ☐ S ☐ M ☐ U ☒ N/A
3. FOR LAND-APPLIED SLUDGE, TYPE OF LAND APPLIED TO:
 (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE, RECLAMATION SITE, LAWN/HOME GARDEN) _____

 SECTION I - SAMPLING INSPECTION PROCEDURES (Further explanation attached: **NO**)

1. GRAB SAMPLE(S) OBTAINED. ☐ Y ☒ N ☐ N/A
2. COMPOSITE SAMPLE(S) OBTAINED. ☐ Y ☒ N ☐ N/A
 COMPOSITING FREQUENCY: _____ PRESERVATION: _____
3. SAMPLE REGRIGERATED DURING COMPOSITING. ☐ Y ☐ N ☒ N/A
4. FLOW PROPORTIONED SAMPLE OBTAINED. ☐ Y ☐ N ☒ N/A
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. ☐ Y ☐ N ☒ N/A
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE. ☐ Y ☐ N ☒ N/A
7. SAMPLE SPLIT WITH PERMITTEE. ☐ Y ☐ N ☒ N/A
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. ☐ Y ☐ N ☒ N/A
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. ☐ Y ☐ N ☒ N/A

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 1

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Sanitary wastewater lagoon.
Time: 10:03am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 2

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

City/County: Questa **State:** NM **Weather:** Sunny

Subject: One of three leach fields visible by the aggregate cover over the field. No puddling was evident.

Time: 10:05am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 3

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: View of main mine shaft.
Time: 10:06am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 4

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

City/County: Questa **State:** NM **Weather:** Sunny

Subject: View of storm water catch basin #6. The discharge from this basin is OTFL 004.

Time: 10:49am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 5

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Flow measurement contracted weir for OTFL 004.
Time: 10:50am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 6

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Closeup of final OTFL 004 culvert under road into the Red River.
Time: 10:51am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 7

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Molybdenite stockpile.
Time: 11:05am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 8

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

City/County: Questa **State:** NM **Weather:** Sunny

Subject: Ore crusher with ore belt feeder conveyors.

Time: 11:06am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 9

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: New liner and pad being installed in one of the storm water ponds.
Time: 11:14am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 10

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: View of the 'old' abandoned open pit. Molybdenite is no longer mined from the pit.
Time: 11:24am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Photo: 11
Official Photograph Log

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

City/County: Questa **State:** NM **Weather:** Sunny

Subject: View down into the old pit operation. Abandoned mining equipment and 'ponded' slope seeps are visible in the photo.

Time: 11:30am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 12

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Seeps and erosion gullies on the old pit slopes.
Time: 11:31am



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 13

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Flotation tank within the mill operation.
Time: 12:20pm



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 14

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis

Date: 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

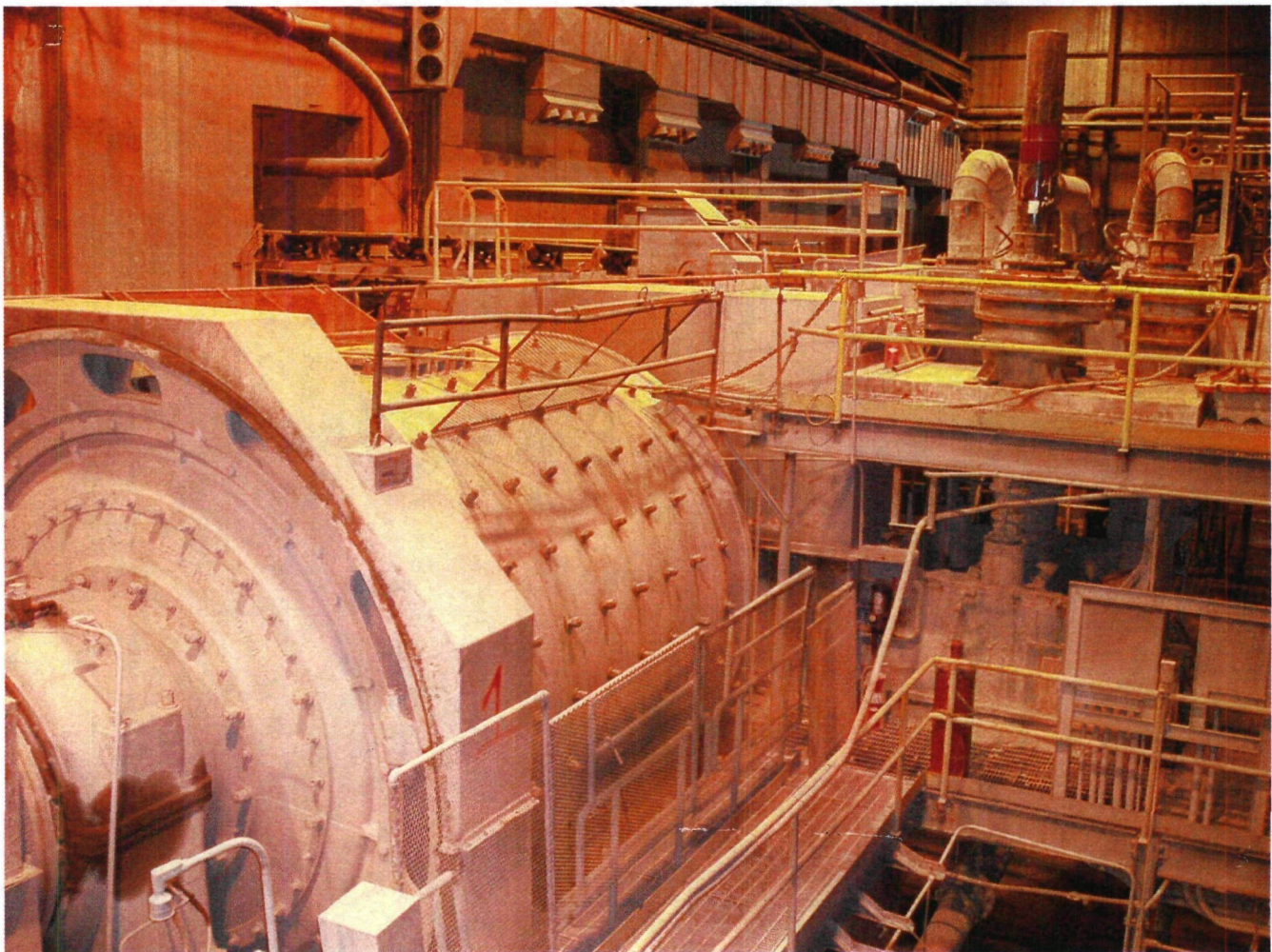
City/County: Questa

State: NM

Weather: Sunny

Subject: Inside view of the mill operation. One of the rotating cylindrical grinding ball mills is shown in the photo. The mill has five ball mills set up in parallel.

Time: 12:20pm



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 15

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Wastewater thickener (clarifier) at the mill operation. Per Bob Kilborn, the mill Technical Advisor, no wastewater is discharged from the thickening process.
Time: 12:29pm



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 16

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: Each Super Sack shown on the pallets contains two tons of the processed molybdenum fines.
Time: 12:55pm



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 17

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

City/County: Questa **State:** NM **Weather:** Sunny

Subject: Photo shows the view down into the sampling manhole for OTFL 002 which is located about a quarter mile from the actual effluent discharge through OTFL 002.

Time: 12:46pm



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 18

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05
Location: Molycorp, Inc. Questa Molybdenum Mine
City/County: Questa **State:** NM **Weather:** Sunny
Subject: OTFL 002 into Red River.
Time: 1:58pm



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Official Photograph Log

Photo: 19

All images were generated/saved using: Olympus D-590 ZOOM/xD Picture Card

Photographer: Patricia Willis **Date:** 5-18-05

Location: Molycorp, Inc. Questa Molybdenum Mine

City/County: Questa **State:** NM **Weather:** Sunny

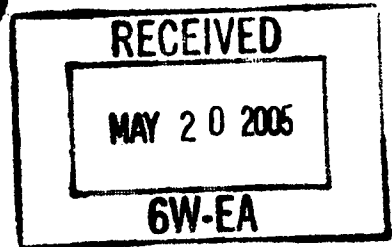
Subject: Closeup of the effluent being discharged to Red River.

Time: 1:58pm



Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

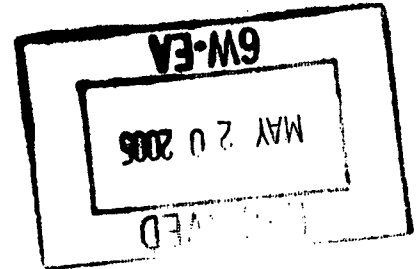
Molycorp



CERTIFIED MAIL RETURN RECEIPT

May 12, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of April, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of April.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

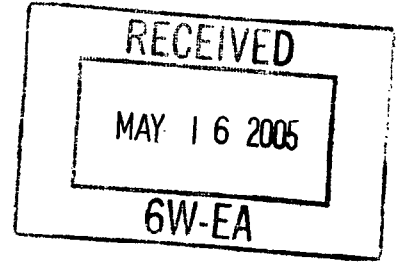

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO / AO matl
3 - DMR
4 - NPDES Log
5 - Correspondence
6 - State Filed
7 - Clerk's initials
JUN 20 2005

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

May 11, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306**

Dear Ms. Strickley:

As required under Part II.A of NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing the monthly visual inspections of the Red River and its banks. This report covers the months of February, March, and April 2005. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **February:** Spring monitoring in the vicinity of the mine area was conducted on February 26, 2005. Sulphur Gulch Seep, Portal Springs, Shaft Springs and Goathill Gulch Seep had no observable discharge or seepage. Cabin springs was covered with snow and ice and therefore flow could not be observed. Active spring locations included Spring 13, and Upper Spring 39. Spring 39 was active; however, the French drain at this location continued to intercept the spring water and as a result there was no observable discharge from the spring. The French drain that is installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on February 26, 2005. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. With the exception of Spring 9,

JUN 30 2005
[Handwritten signature and initials over a routing slip table]

1	Mr. [illegible]
2	Mr. [illegible]
3	Mr. [illegible]
4	Mr. [illegible]
5	Mr. [illegible]
6	Mr. [illegible]
7	Mr. [illegible]
8	Mr. [illegible]
9	Mr. [illegible]
10	Mr. [illegible]
11	Mr. [illegible]
12	Mr. [illegible]

observed flow rates were typical of the seasonal flows we have seen at these locations in recent years. Observed flow rates at Spring 9 were low compared to seasonal flows observed at this location in recent years.

- **March:** Spring monitoring in the mine area was conducted on March 29, 30, and 31, 2005. Sulphur Gulch Seep, Portal Springs, Shaft Springs, Cabin Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13, and Upper Spring 39. Spring 39 was active; however, the French drain at this location continued to intercept the spring water and as a result there was no observable discharge from the spring. The French drain that is installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on March 31, 2005. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

- **April:** Spring monitoring in the vicinity of the mine area was conducted on April 28, and 29, 2005. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13 and Upper Spring 39. Flow from Upper Spring 39 could not be determined because the river flow was high and entering the spring area. Spring 39 was active; however, the French drain at this location continued to intercept the spring water and as a result there was no observable discharge from the spring. Accurate flow rates could not be observed from Spring 13 due to high river runoff covering spring areas. The French drains that are installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on April 28, 2005. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

In conclusion, inspections during the past quarterly monitoring period did not identify any new significant discharge or seepage which may be directly from or

hydrologically connected to Molycorp's mining operations. Should you have any questions or concerns regarding this quarterly report or require additional information, please contact Armando Martinez at (505) 586-7639.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

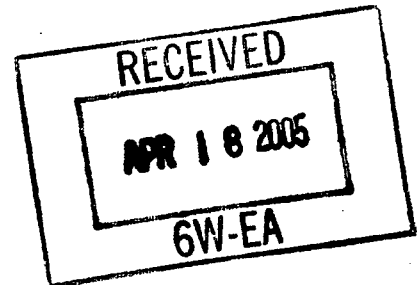
① WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

April 15, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of March, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of March.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

A handwritten signature in cursive script that reads "Roy A. Torres".

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO & AO matl
3 - DMRs
4 - Vis. Sum. Log
5 - RCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

MAY 4 2005



"Martinez, Armando "
<amarti@molycorp.com
>

To: Waudelle Strickley/R6/USEPA/US@EPA
cc: Taylor Sharpe/R6/USEPA/US@EPA
Subject: Scanned Copy- 5-day Report NPDES Permit No. NM0022306 ✓

03/22/2005 10:33 AM

Dear Ms. Strickley,

I am emailing you a copy of the 5-day report that was supposed to be sent out yesterday March 21, 2005 via certified mail. Our mail room inadvertently did not mail out the report as required yesterday afternoon. Please find attached a scanned copy of the report for your review. A hard copy of the original will be sent out via certified mail today March 22, 2005. Should you have any questions regarding this email please contact me.

Sincerely,

Armando Martinez

Environmental Compliance Specialist

Molycorp, Inc.

P.O Box 469

Questa, NM 87556-0469

☎ Phone: (505) 586-7639

① Direct Fax: (714) 985-7410

✉ e-mail: amarti@molycorp.com



5-Day Report NPDES Permit No. NM0022306.tif

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vis. Sam. Log
5 - NOR
6 - Correspondence
7 - CRAS
Delivered
Crown's mts.

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

March 21, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**RE: 5 – Day Report NPDES Permit No. NM0022306 ✓
Tailings Pumpback System - Control Power Fuse Failure
Molycorp Inc. Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as the written report required under NPDES Permit NM0022306 Part III.D.7.a regarding the incident that was reported to Mr. Taylor Sharpe of the EPA and to Mr. Richard Powell of the NMED Surface Water Quality Bureau on March 17, 2005 via voicemail and email.

On March 16, 2005 at approximately 9:50 a.m. the Tailings Pumpback System malfunctioned causing the system's pump to shut off. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility. This resulted in the discharge of approximately 6,000 gallons of water to permitted Outfall 002. Molycorp's investigation determined the cause of the malfunction was a fuse associated with the control power system which apparently had an intermittent connection in it causing the system to fail. The system was quickly repaired and the Pumpback system was returned to service by 11:30 a.m. on the same day.

The overflow condition lasted for a total of 1 hour and 40 minutes. Due to the short and unplanned nature of the overflow, it was not possible to obtain a sample of the overflow water stream. There is no reason to suspect that the discharged water was in any way different from the water normally pumped at this pump station.

In response to this situation, Molycorp has completed the following actions:

1. The fuse associated with the control power was replaced and the pumpback system was immediately returned service.

Molycorp has evaluated the potential for the incident to cause an exceedance of the NPDES permit limitations for manganese and fluoride, the only two parameters that have any probability of approaching permit limits. The potential for an exceedance was calculated using March 2003 water chemistry, and flow data collected from Outfall 002 on March 16, 2005. The data is representative of the chemistry at Outfall 002 during an overflow from the Tailings Pumpback System. Based on our evaluation of manganese and fluoride concentrations, the loading limits were not exceeded as a result of this incident.

March 16, 2005 Tailings Pumpback System Control Power Fuse Malfunction Load Scenario

Date	Average 24-Hour Flow	Past Manganese Result March 03 (mg/L)	Past Fluoride Result March 03 (mg/L)	Calculated Mn Loading based on Flow (lbs/dy)	Manganese Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Fluoride Permit Loading Limits (lbs/dy) Mo Avg/Daily Max	Calculated Fluoride loading based on Flow (lbs/dy)
3/16/2005	283.1	0.67	1.3	2.28	2.9/4.38	8.75/8.75	4.42

Note: Calculated Loads based on March 2003 Analytical results and March 16, 2005 flow Data Recorded at Outfall 002.

Molycorp believes that this type of malfunction which caused the incident could not have been prevented by regular maintenance, in that the fuse was not burnt out when tested. It is unlikely that this type of malfunction will occur in future.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

Ms. Waudelle Strickley

5 - Day Report NPDES Permit No. NM0022306

March 21, 2005

Page 3

C: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
S. Honan, Molycorp
W. Sharrer, Molycorp
A. Martinez, Molycorp



Waudelle Strickley

03/18/2005 01:04 PM

To:

cc:

cc:

Subject: Fw: NPDES No. NM0022306 (24-hour notification) - Tailings Pumpback System Failure

----- Forwarded by Taylor Sharpe/R6/USEPA/US on 03/18/2005 12:48 PM -----



"Martinez, Armando"
<amarti@molycorp.com>

03/17/2005 05:04 PM

To: Taylor Sharpe/R6/USEPA/US@EPA
cc: richard_powell@nmenv.state.nm.us
Subject: NPDES No. NM0022306 (24-hour notification) - Tailings Pumpback System Failure

Mr. Sharpe

As a follow-up my voicemail this afternoon (March 17, 2005), the following is a summary of the Tailings pumpback system incident. On March 16, 2005 at approximately 9:50 AM the system malfunctioned causing the pumpback pump to shut off. This allowed water to overflow the pump station through the overflow pipe that would normally be pumped back to the tailings facility, and resulted in the discharge of approximately 6,000 gallons of water to permitted outfall 002. Molycorp's initial investigation determined the cause of the malfunction was a fuse associated with the control power system that was not properly inserted. The system was quickly repaired and the pumpback system was returned to service by 11:30 AM on the same day. Further details will be provided in the 5-day written corrective action report. Please contact myself or Scott Honan, Environmental Compliance Supervisor at (760) 856-7656 should you have any questions.

Sincerely,

Armando Martinez

Environmental Compliance Specialist

Molycorp, Inc.

P.O Box 469

Questa, NM 87556-0469

Phone: (505) 586-7639

Direct Fax: (714) 985-7410

e-mail: amarti@molycorp.com

1 - Permit/CD
2 - AO & AO matl
3 - OVRG
4 - Op. Sum. Log
5 - Correspondence
6 - CTSB
7 - Date Filed
Clerk's Inits.

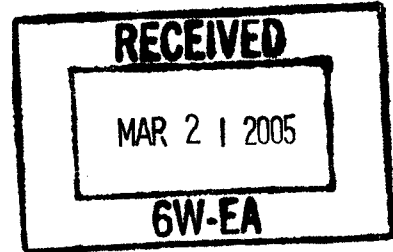
WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

March 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of February, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of February.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vm. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAG
Date Filed
Clerk's Inits.

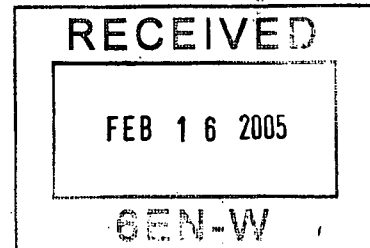
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

February 14, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306**

Dear Ms. Strickley:

As required under Part II.A of NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing the monthly visual inspections of the Red River and its banks. This report covers the months of November and December 2004 and January 2005. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **November:** Spring monitoring in the vicinity of the mine area was conducted on November 18 and 30, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13, and Upper Spring 39. Spring 39 was active; however, the French drain at this location continued to intercept the spring water and as a result there was no observable discharge from the spring. The French drain that is installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on November 17 and 18, 2004. Existing Spring 1 - Permit/CD monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates

MAR 30 2005
MAY 04 2005

1 - Permit/CD
2 - Vio. Sum. Log
3 - MCR
4 - Correspondence
5 - CRAS
6 - Date Filed
7 - Clerk's Inits.

were typical of the seasonal flows we have seen at these locations in recent years.

- December: Spring monitoring in the mine area was conducted on December 20, 2004. Sulphur Gulch Seep, Portal Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Cabin Springs was completely covered with snow and ice. Active spring locations included Spring 13, and Upper Spring 39. Spring 39 was active; however, the French drain at this location continued to intercept the spring water and as a result there was no observable discharge from the spring. Spring 13 was partially frozen. The French drain that is installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on December 20, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

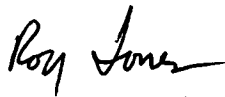
- January: Spring monitoring in the vicinity of the mine area was conducted on January 14, 17, 19, 20 and 31, 2005. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13 and Upper Spring 39. Some of the spring locations were partially covered with ice and snow. Spring 39 was active; however, the French drain at this location continued to intercept the spring water and as a result there was no observable discharge from the spring. Spring 13 was partially frozen. The French drains that are installed at Spring 13 continued to intercept spring water at this location.

Inspection of the Red River near the tailings facility was conducted on January 12 and 13, 2005. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

In conclusion, inspections during the past quarterly monitoring period did not identify any new significant discharge or seepage which may be directly from or hydrologically connected to MolyCorp's mining operations. Should you have any questions or concerns regarding this quarterly report or require additional information, please contact Armando Martinez at (505) 586-7639.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

Be 11 ①
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

February 9, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of January, 2005 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of January.

Also included with this report are the bio-monitoring results of analyses taken during the 3rd quarter of 2004 for Outfall 002. This fulfills the annual *Pimephales promelas* and the semi-annual *Ceriodaphnia dubia* monitoring requirements. Please be advised that there was no discharge from Outfall 001 during 2004. Therefore no samples were available for bio-monitoring analyses.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

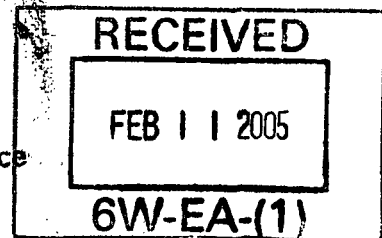
Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filled
Clerk's Inits.



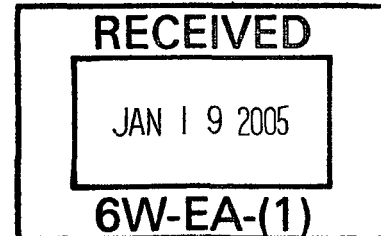
DW.S.
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

January 13, 2005

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of December, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of December.

As detailed in the 5-day report submitted on December 8, 2004 regarding the Tailings pumpback system anticipated bypass an additional 24 -hour composite sample was taken during the shutdown of the system on December 3, 2004. The results of the 24- hour composite sample are included in the Outfall 002 DMR. Based on the results from the composite sampling and the DMRs, Outfall 002 did not exceed effluent limitations during the bypass.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AQ & AQ mail
3 - DMR's
4 - Min. Sam. Log
5 - MOP
6 - Correspondence
7 - QA/QC
Done Filed
Clerk's Inits.

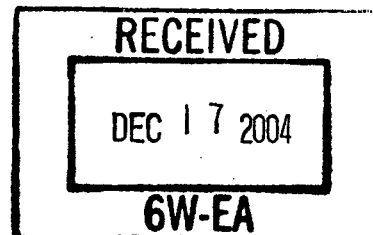
1125
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

December 14, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of November, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of August.

As detailed in the 5-day report submitted on December 8, 2004 regarding the Tailings pumpback system anticipated bypass an additional 24 -hour composite sample was taken during the shutdown of the system on November 29, 2004. The results of the 24- hour composite sample are included in the Outfall 002 DMR. Based on the results from the composite sampling and the DMRs, Outfall 002 did not exceed effluent limitations during the bypass.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez at (505) 586-7639 or Scott Honan at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO & AO met
3 - DMR's
4 - via email log
5 - 604
6 - Correspondence
7 - CRP
8 - 700-TRD
9 - 700-TRD
10 - 700-TRD

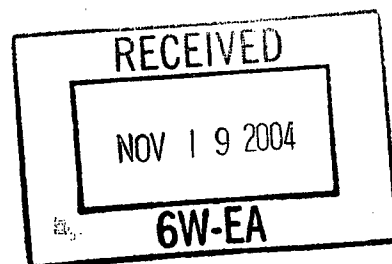
①WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

November 15, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202




Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of October, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of October.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,


Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AD & AD matl
3 - CORN's
4 - Vio. Sum. Log
5 - MCR
6 - Correspondence
7 - CVAS
8 - Date Filed
9 - Clerk's Inits.

DEC 14 2004

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

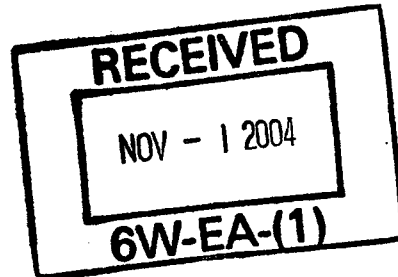
① W.S.

Molycorp

CERTIFIED MAIL RETURN RECEIPT

October 27, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



**RE: Follow-up to the 5-Day Report NPDES Permit No. NM0022306
Analytical Results - Mill Yard Catchment Pond Storm Water Pipeline
Discharge
Molycorp Inc. - Questa, NM**

Dear Ms. Strickley:

This letter is intended to serve as follow up to the 5-day written report submitted to the EPA and dated October 4, 2004. In that report Molycorp stated that it would provide EPA with the analytical results taken from the storm water that remained impounded in the Mill yard catchment pond after the storm event. Enclosed are the analytical results from the outside laboratory.

Should you have any questions or concerns regarding this report or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

DEC 2 2004

2 - AO & AO matl
3 - BAP's
4 - Vcl. Sum. Log
5 - NCR
6 - Correspondence
7 - CR-AS
Data Filed
Clerk's Inits.

Sincerely,



Roy Torres
Manager, Operations
Questa Division

cc: Rich Powell, NMED – Surface Water Quality Bureau
Taylor Sharp, EPA Region 6
Mike Reed, NMED – Ground Water Quality Bureau
S. Honan, Molycorp
A. Martinez, Molycorp

Storm 1 Catchment Pond

August 2004

Storm Water Sampling

Page 1 of 2

Parameter	Fraction	Site ID	Sample Date	Units	Storm 1						
					9/29/2004						
					SA						
Field Measurements											
DO	T			mg/L	5.91	-	-	-	-	-	-
EH	T			millivolts	154.	-	-	-	-	-	-
pH	T			SU	6.98	-	-	-	-	-	-
Specific Conductance	T			uS/cm	369.	-	-	-	-	-	-
Temperature	T			Celsius	14.27	-	-	-	-	-	-
Metals											
Aluminum	T			mg/L	2.4	-	-	-	-	-	-
Aluminum	D			mg/L	<0.087	J	-	-	-	-	-
Arsenic	T			mg/L	<0.005	-	-	-	-	-	-
Arsenic	D			mg/L	<0.005	-	-	-	-	-	-
Barium	T			mg/L	0.024	-	-	-	-	-	-
Barium	D			mg/L	0.0085	J	-	-	-	-	-
Beryllium	T			mg/L	<0.004	-	-	-	-	-	-
Beryllium	D			mg/L	<0.004	-	-	-	-	-	-
Cadmium	T			mg/L	0.00052	J	-	-	-	-	-
Cadmium	D			mg/L	<0.001	-	-	-	-	-	-
Calcium	T			mg/L	51.	-	-	-	-	-	-
Calcium	D			mg/L	50.	-	-	-	-	-	-
Chromium	T			mg/L	0.0046	J	-	-	-	-	-
Chromium	D			mg/L	<0.01	-	-	-	-	-	-
Cobalt	T			mg/L	0.004	J	-	-	-	-	-
Cobalt	D			mg/L	0.0044	J	-	-	-	-	-
Copper	T			mg/L	0.027	-	-	-	-	-	-
Copper	D			mg/L	<0.01	-	-	-	-	-	-
Iron	T			mg/L	2.7	-	-	-	-	-	-
Iron	D			mg/L	<0.1	-	-	-	-	-	-
Lead	T			mg/L	0.021	J	-	-	-	-	-
Lead	D			mg/L	<0.003	J	-	-	-	-	-
Magnesium	T			mg/L	5.5	-	-	-	-	-	-
Magnesium	D			mg/L	4.1	-	-	-	-	-	-
Manganese	T			mg/L	0.7	-	-	-	-	-	-
Manganese	D			mg/L	0.49	-	-	-	-	-	-
Mercury	T			mg/L	<0.0002	-	-	-	-	-	-
Molybdenum	T			mg/L	1.3	-	-	-	-	-	-
Molybdenum	D			mg/L	1.2	-	-	-	-	-	-
Nickel	T			mg/L	0.0082	J	-	-	-	-	-
Nickel	D			mg/L	0.0022	J	-	-	-	-	-

Storm 1 is the Mill Yard Catchment Pond sampling location

J = Qualified as estimated during data validation

R = Qualified as rejected value from data validation and results are considered unusable for any purpose

Storm 1 Catchment Pond

August 2004

Storm Water Sampling

Page 2 of 2

Parameter	Fraction	Site ID	Sample Date	Units	Storm 1						
					9/29/2004						
					SA						
Potassium	T			mg/L	4.3	-	-	-	-	-	-
Potassium	D			mg/L	3.7	-	-	-	-	-	-
Selenium	T			mg/L	<0.005	-	-	-	-	-	-
Selenium	D			mg/L	<0.005	-	-	-	-	-	-
Silver	T			mg/L	<0.002	-	-	-	-	-	-
Silver	D			mg/L	<0.002	-	-	-	-	-	-
Sodium	T			mg/L	15	-	-	-	-	-	-
Sodium	D			mg/L	15	-	-	-	-	-	-
Zinc	T			mg/L	0.071	-	-	-	-	-	-
Zinc	D			mg/L	0.013 J	-	-	-	-	-	-
General Chemistry											
Alkalinity as CaCO3	T			mg/L	22	-	-	-	-	-	-
Bicarbonate (as CaCO3)	T			mg/L	22	-	-	-	-	-	-
Carbonate (as CaCO3)	T			mg/L	<5	-	-	-	-	-	-
Chloride	T			mg/L	22	-	-	-	-	-	-
Fluoride	T			mg/L	2.2	-	-	-	-	-	-
Sulfate	T			mg/L	110	-	-	-	-	-	-
Total Dissolved Solids	T			mg/L	280	-	-	-	-	-	-

Storm 1 is the Mill Yard Catchment Pond sampling location

J = Qualified as estimated during data validation

R = Qualified as rejected value from data validation and results are considered unusable for any purpose

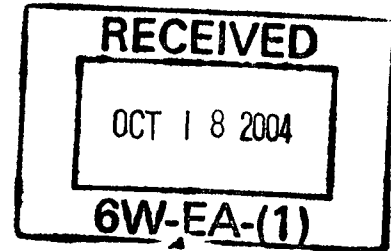
WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

October 13, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of September, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of September.

The flow meter associated with Outfall 002 was non-functional from September 4, through September 9, 2004 due to operator error. The average flow for the month of September was calculated based on a 24 day average.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Roy A. Torres".

Roy A. Torres
Manager, Operations
Questa Division

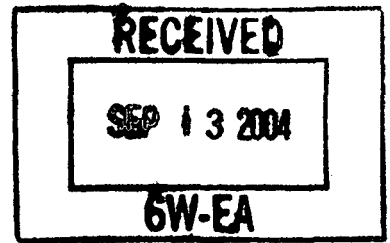
Enclosures

cc: NMED SWQB
S. Honan, Molycorp

NOV 18 2004

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Initials.

NM0022306 ① 45



Molycorp, Inc.
Lanthanide Group
67750 Bailey Road, P.O. Box 124
Mountain Pass, CA 92366
Telephone (760) 856-7656
Facsimile (760) 856-6691

Molycorp

Scott Honan
Supervisor, Environmental Compliance

September 10, 2004

Ms. Marcia Gail Bohling
Water Enforcement Branch (6EN-AS)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

RE: Molycorp, Inc.
NPDES Permit No. NM0022306
Compliance Evaluation Inspection Report

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vic. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

Dear Ms. Bohling:

I am writing to you regarding the NPDES inspection report dated August 25, 2004 that was recently submitted to your office by Mr. Richard Powell of the New Mexico Environment Department – Surface Water Quality Bureau. Mr. Powell did a thorough job of inspecting Molycorp's Questa facility on May 19, 2004, and produced a thoughtful and comprehensive report. However, there are several issues that Mr. Powell identifies in the report that Molycorp feels should be corrected for the permit file. I have summarized these issues below, using the section numbering from Mr. Powell's report:

Section C – Operations and Maintenance

The inspection report identifies Molycorp's performance in this area as "Marginal". This rating is based on the fact that Molycorp's seepage collection facilities are not equipped with an automatic back-up power source. During 2004, these facilities have been shut down for a total of 27.5 hours as a result of power failures or other operational problems. This represents an operating availability of greater than 99.5%. These incidents have been duly reported to both the USEPA and NMED, and there have not been any identified impacts to the receiving waters (the Red River) as a result of these incidents. Part III.B.3.a of permit NM0022306 requires Molycorp to provide a backup power system "only when the operation is necessary to achieve compliance with the conditions of this permit." There is no evidence that such a backup system is necessary to achieve permit compliance. Nor is there evidence that such a system is necessary to minimize upsets and discharges of excessive pollutants. Further, while a backup power source may alleviate some of the downtime that results from regional power outages, it

NOV 18 2004

is questionable whether such a system would substantially improve operating performance during the numerous thunderstorms that occur in the area. In short, Molycorp has made a diligent effort to maintain efficient and continuous operations of the seepage collection facilities, and this fact should be recognized in the permit file.

Section G – Effluent/Receiving Water Observations

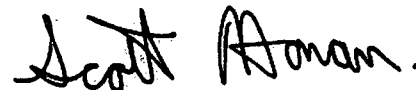
The inspection report identifies Molycorp's performance in this area as "Marginal". As the report notes, Part I.B of the permit prohibits "[t]he discharge of pollutants traceable to point source mine operations through a hydrologic connection to the Red River . . . except in trace amounts." That part further states that "[i]mplementation of the Best Management Practices required by PART II.A of this permit will constitute compliance with this prohibition at Spring 13, Spring 39, and springs in the vicinity of the old mill site below the Sugar Shack South Deposit."

The report states that Molycorp has implemented the required BMPs. Therefore, compliance cannot be marginal. The report implies that Molycorp's efforts to identify, characterize and control seepage from sources at the Questa mine and mill site through Best Management Practices (BMPs) are not effective. In addition to the measures required by the permit, Molycorp has voluntarily installed three groundwater extraction well BMPs and two french drains BMPs in the vicinity of the Questa mine and mill site to intercept and capture seepage from the facility and other sources before it reaches the Red River. These BMPs were carefully selected to maximize the capture of low quality groundwater while minimizing hydrologic impacts to the Red River. There is no evidence to suggest that these BMPs are ineffective and that pollutants in greater than trace amounts are being discharged to the Red River from mine operations. Moreover, the concerns contained in the inspection report relate to groundwater impacts which are already the subject of regulation under Discharge Plans administered by the NMED's Ground Water Quality Bureau.

While the issues surrounding seepage into the Red River are complex, the issue for NPDES inspection purposes is whether or not the BMPs described in NM0022306 are operating properly. Molycorp's diligent efforts in this regard should be recognized.

Should you have any questions regarding the issues noted above, please contact me at 760.856.7656.

Sincerely,

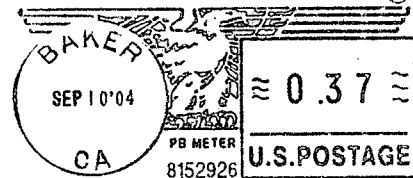


Scott Honan

C: Taylor Sharpe, EPA Region VI
Waudelle Strickley, EPA Region VI
USEPA, NPDES Permits Branch (6WQ-P)
Rich Powell, NMED-SWQB
Roy Torres, Molycorp

Molycorp, Inc.
Lanthanide Group
67750 Bailey Road, P.O. Box 124
Mountain Pass, California 92366

Molycorp



Mr. Taylor Sharpe
Enforcement Officer
Water Enforcement Branch
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

75202+2730 34



Taylor Sharpe

09/30/2004 02:59 PM

To: "Martinez, Armando" <amarti@molycorp.com>
cc: Waudelle Strickley/R6/USEPA/US@EPA
Subject: Re: NPDES No. NM0022306 (24-hour notification) - Discharge from Stormwater Pipeline

Dear Armando Martinez:

Thank you for your 24 hour notification per your permit requirement. I will copy this to Ms. Waudelle Strickley, the Specialist who will enter this information into your NPDES file. And we look forward to your 5 day written report. Thank you for the correspondence and let us know if any additional significant environmental factors come to your attention.

TAYLOR SHARPE
EPA Region 6
Enforcement Officer
214-665-7112



"Martinez, Armando" <amarti@molycorp.com>



"Martinez, Armando"
<amarti@molycorp.com>
m>

09/30/2004 12:47 PM

To: Taylor Sharpe/R6/USEPA/US@EPA
cc:
Subject: NPDES No. NM0022306 (24-hour notification) - Discharge from Stormwater Pipeline

Mr. Sharpe

As a follow-up to our conversation yesterday afternoon (September 29), the following is a summary of the Mill yard catchment pond stormwater pipeline incident. On September 28, 2004 a substantial storm event (1.56") occurred in the vicinity of Molycorp's Questa operations. During the storm, a 30 horsepower pump located in the Mill yard catchment pond was activated. The pump was activated at 8:00 PM. The Mill yard catchment pond functions to capture storm water runoff from the vicinity of the crushing plant and milling complex. The pump in the catchment pond pumps the water to the mill facility, so that stormwater is not discharged through NPDES permitted outfall 005.

The pipeline in question consists of a section of 2" pipeline that is inserted into a section of 4" pipeline. During the storm event the two pipelines became separated. As a result, stormwater was discharged from the 2" pipeline and did not reach the milling facility. The stormwater was discharged from the South Eastern side of the mill facility and subsequently into the Red River. Upon discovery of this situation on the morning of

OCT 15 2004

September 29, the pump was shut off. Molycorp is in the process of investigating the incident, and additional details will be provided in the 5-day written corrective action report. Please contact myself or Scott Honan, Environmental Compliance Supervisor at (760) 856-7656 should you have any questions.

Sincerely,

Armando Martinez

Environmental Compliance Specialist

Molycorp, Inc.

P.O Box 469

Questa, NM 87556-0469

☎ Phone: (505) 586-7639

📠 Direct Fax: (714) 985-7410

✉ e-mail: amarti@molycorp.com



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TEXAS 75202-2733

October 1, 2004

REPLY: 6EN-WC

Mr. Roy Torres
Manager, Operations
Molycorp, Inc. - Questa Div.
P.O. Box 469
Questa, NM 87556

Re: NPDES Permit No. NM0022306

Dear Mr. Torres:

The above referenced National Pollutant Discharge Elimination System (NPDES) permit issued to authorize the discharge from your facility requires submission of periodic reports to allow us to monitor your compliance with your permit. The following need to be noted:

- The Discharge Monitoring Report (DMR) for monitoring period ending July 2004, discharge numbers 001A thru 005A, have not been received as required in your NPDES Permit.
- A revised NPDES Reporting Requirements Handbook is on the web page (click on NPDES Handbook link):
www.epa.gov/region6/6en/w/dmrman.pdf

If you believe you have complied with this requirement through a previous submittal, please submit copy of that report, with the signature signed/dated again in ink, to my attention at this office within ten (10) working days of receipt of this letter. Please include a copy of the certified mail receipt with this submittal, if available.

You need to submit the information requested above, sign the signature in ink, and mail to my attention at this office within ten (10) working days of receipt of this letter.

Your facility should take whatever remedial action is necessary to prevent the recurrence of the violations noted above.

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Viol. Sum. Log
5 - NCR
6 - Correspondence
7 - CRAS
8 - Date Filed
9 - Clerk's Inits.


OCT 15 2004

- 2 -

We have placed in your file a list of the above violations, as well as any corrective measures you have reported. In the event of future violations, we will use this information in determining what appropriate actions to take.

If you have any questions regarding this matter, please contact me at the above address or telephone (214) 665-7491.

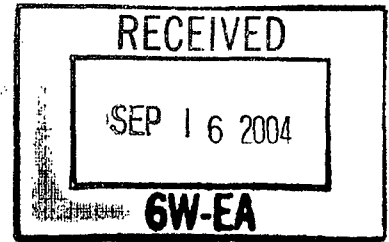
Sincerely,


Waudelle Strickley (6EN-WC)
Environmental Specialist
Water Enforcement Branch

cc: Marcy Leavitt
Surface Water Bureau
New Mexico Environment Department

bcc: R.File (6EN-WC)

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



Molycorp

CERTIFIED MAIL RETURN RECEIPT

September 14, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of August, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of August.

As detailed in the 5-day report submitted on August 5, 2004 regarding the Tailings pumpback system anticipated bypass an additional 24 -hour composite sample was taken during the shutdown of the system. The results of the 24-hour composite sample are included in the Outfall 002 DMR.

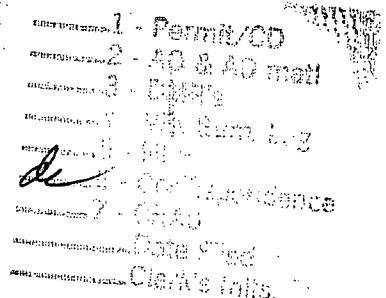
Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp



OCT 06 2004

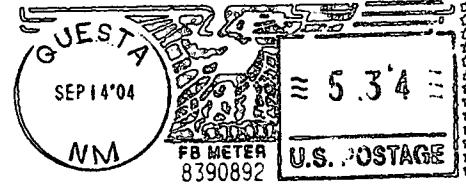
Molycorp

Armando Manfauz
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469

CERTIFIED MAIL



7001 2510 0002 6033 4512

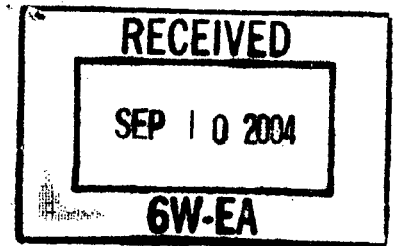


Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, Texas 75202-2733

SEP 16 2004

NM0022306005

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



Molycorp

CERTIFIED MAIL RETURN RECEIPT

September 8, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: BIO-MONITORING DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the Bio-Monitoring DMRs for samples taken during the first half of 2004 for outfall 002 for permit No. NM0022306. The attached DMRs were inadvertently not included with the July 2004 DMRs. The results consist of the semi-annual *Ceriodaphnia dubia* monitoring. Please be advised that there was no discharge from outfall 001 during the first half of 2004. Therefore no samples were available for bio-monitoring.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

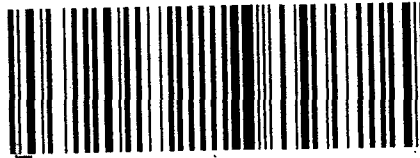
Enclosures

cc: NMED SWQB
S. Honan, Molycorp

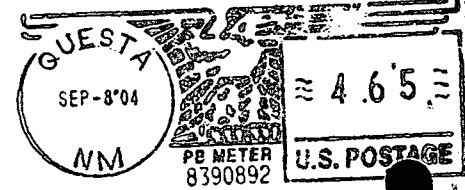
1 - Permit/CD
2 - AD & AO matl
3 - DMR's
4 - S. Honan Log
5 - RCR
6 - C. Honan's signature
7 - CCRS
Data filed
Clerk's Initials

OCT 06 2004

CERTIFIED MAIL



7001 2510 0002 6033 4536



Molycorp

Armando Martinez
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469

Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, Texas 75202-2733

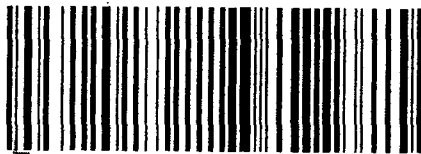
SEP 10 2004

1 - Permit/CO
2 - AO & AO (mat)
3 - 3046
4 - 3046
5 - 3046
6 - 3046
7 - 3046
8 - 3046
9 - 3046
10 - 3046
11 - 3046
12 - 3046
13 - 3046
14 - 3046
15 - 3046
16 - 3046
17 - 3046
18 - 3046
19 - 3046
20 - 3046
21 - 3046
22 - 3046
23 - 3046
24 - 3046
25 - 3046
26 - 3046
27 - 3046
28 - 3046
29 - 3046
30 - 3046
31 - 3046
32 - 3046
33 - 3046
34 - 3046
35 - 3046
36 - 3046
37 - 3046
38 - 3046
39 - 3046
40 - 3046
41 - 3046
42 - 3046
43 - 3046
44 - 3046
45 - 3046
46 - 3046
47 - 3046
48 - 3046
49 - 3046
50 - 3046
51 - 3046
52 - 3046
53 - 3046
54 - 3046
55 - 3046
56 - 3046
57 - 3046
58 - 3046
59 - 3046
60 - 3046
61 - 3046
62 - 3046
63 - 3046
64 - 3046
65 - 3046
66 - 3046
67 - 3046
68 - 3046
69 - 3046
70 - 3046
71 - 3046
72 - 3046
73 - 3046
74 - 3046
75 - 3046
76 - 3046
77 - 3046
78 - 3046
79 - 3046
80 - 3046
81 - 3046
82 - 3046
83 - 3046
84 - 3046
85 - 3046
86 - 3046
87 - 3046
88 - 3046
89 - 3046
90 - 3046
91 - 3046
92 - 3046
93 - 3046
94 - 3046
95 - 3046
96 - 3046
97 - 3046
98 - 3046
99 - 3046
100 - 3046

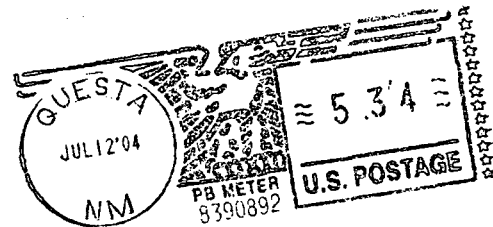
Molycorp

Armando Martinez
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469

CERTIFIED MAIL



7001 2510 0002 6033 4857



Ms. Waudelle Strickley
EPA Region 6 (6EN-WC)
Water Enforcement Branch
Compliance Monitoring Section
1445 Ross Avenue
Dallas, Texas 75202-2733

Taylor Sharpe

06/30/2004 03:53 PM

To: "Honan, Scott" <shonan@unocal.com>
cc: "Martinez, Armando" <amarti@molycorp.com>, "Seto, Harvey" <hseto@molycorp.com>, Mike_reed@nmenv.state.nm.us, sandy_spon@nmenv.state.nm.us, r6genpermit@epa.gov, Waudelle Strickley/R6/USEPA/US@EPA
Subject: Re: NPDES No. NM0022306

Dear Mr. Honan:

Thank you for your 24-hour notification in the following e-mail. We will file it in your NPDES enforcement file (please confirm the NPDES number I put in the subject line). Please follow up with the 5 day written notification to Ms. Strickley.

TAYLOR SHARPE
EPA Region 6
Enforcement Officer
214-665-7112

"Honan, Scott" <shonan@unocal.com>



"Honan, Scott"
<shonan@unocal.com>
>
06/30/2004 03:46 PM

To: Taylor Sharpe/R6/USEPA/US@EPA
cc: sandy_spon@nmenv.state.nm.us, Mike_reed@nmenv.state.nm.us, "Martinez, Armando" <amarti@molycorp.com>, "Seto, Harvey" <hseto@molycorp.com>
Subject:

Mr. Sharpe: As a follow-up to my voice-mail from this morning, I wanted to outline to you the circumstances surrounding the mill catchment pond incident. On June 30, 2004, approximately 5000 gallons of stormwater from mill yard catchment pond at Molycorp's Questa facility was pumped to the Head Gate Diversion impoundment adjacent to the Red River. This incident occurred when pumping from the mill catchment pond commenced while the valve leading to the Head Gate Diversion impoundment was in the "open" position. The incident lasted from 7:15 AM until 7:40 AM, at which point the valve was closed by a Molycorp employee. None of the water discharged to the Head Gate Diversion impoundment entered the Red River, and the water in the Head Gate Diversion impoundment was promptly pumped into a water truck and transferred to the Questa mill. Molycorp will be following up this incident with an investigation and a written report to the NMED, which will be copied to your attention. Please contact me at 760.856.7656 should you require any additional information

Regards,

Molycorp

Scott Honan
Supervisor, Environmental Compliance
Molycorp, Inc.

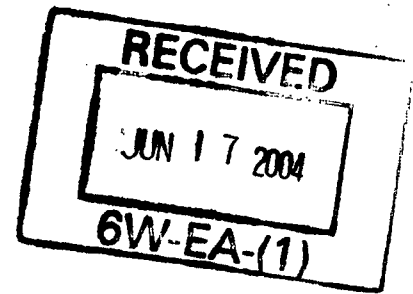
JUL 12 2004

1. Permit/CD
2. MO & AO matl
3. DMR's
4. Mo. Sum. Log
5. NCR
6. Correspondence
7. CRAS
Date Filed
Clerk's Inits.

67750 Bailey Road
P.O. Box 124
Mountain Pass, CA 92366
Office: 760.856.7656
Fax: 760.856.2253

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL RETURN RECEIPT

June 15, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of May, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of May.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

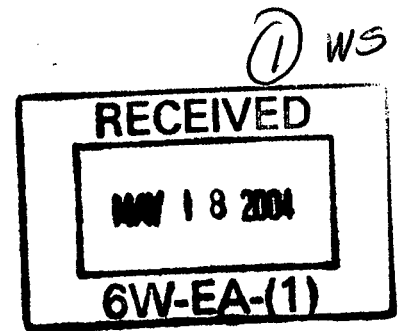
Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AD & AD mail
3 - ERM
4 - Via S. Honan
5 - NCE
6 - Compliance
7 - AD & AD mail
JUN 29 2004
S. Honan

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL RETURN RECEIPT

May 13, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of April, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of April.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

Roy A. Torres
Enclosures

cc: NMED SWQB
S. Honan, Molycorp

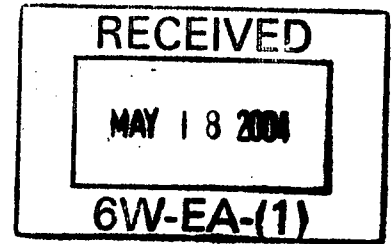
JUN 25 2004

SP

1 - Permit/CD
2 - AQ & AQ matl
3 - DMR's
4 - Vio. Sum. Log
5 - NCR
6 - Correspondence
7 - OAS
8 - Data Filed
9 - Clerk's Inits.

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 14, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

**Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306**

Dear Ms. Strickley:

As required under Part II.A of Molycorp's February 1, 2001 NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing its monthly visual inspections of the Red River and its banks. This report covers the months of February, March, and April 2004. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **February:** Spring monitoring in the vicinity of the mine area was conducted on February 26 and 28, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, and Shaft Springs were covered with snow and ice and therefore flow could not be observed. Active spring locations included Goathill Gulch Seep, Spring 13 and Spring 39. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on February 28, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

JUN 03 2004

PRP

1 - Permit/CD
2 - AD & AP mail
3 - DARR
4 - Vial. Exam. Log
5 - NES
6 - Correspondence
7 - JHAB
8 - JHAB
9 - JHAB
10 - JHAB
11 - JHAB
12 - JHAB
13 - JHAB
14 - JHAB
15 - JHAB
16 - JHAB
17 - JHAB
18 - JHAB
19 - JHAB
20 - JHAB
21 - JHAB
22 - JHAB
23 - JHAB
24 - JHAB
25 - JHAB
26 - JHAB
27 - JHAB
28 - JHAB
29 - JHAB
30 - JHAB
31 - JHAB
32 - JHAB
33 - JHAB
34 - JHAB
35 - JHAB
36 - JHAB
37 - JHAB
38 - JHAB
39 - JHAB
40 - JHAB
41 - JHAB
42 - JHAB
43 - JHAB
44 - JHAB
45 - JHAB
46 - JHAB
47 - JHAB
48 - JHAB
49 - JHAB
50 - JHAB
51 - JHAB
52 - JHAB
53 - JHAB
54 - JHAB
55 - JHAB
56 - JHAB
57 - JHAB
58 - JHAB
59 - JHAB
60 - JHAB
61 - JHAB
62 - JHAB
63 - JHAB
64 - JHAB
65 - JHAB
66 - JHAB
67 - JHAB
68 - JHAB
69 - JHAB
70 - JHAB
71 - JHAB
72 - JHAB
73 - JHAB
74 - JHAB
75 - JHAB
76 - JHAB
77 - JHAB
78 - JHAB
79 - JHAB
80 - JHAB
81 - JHAB
82 - JHAB
83 - JHAB
84 - JHAB
85 - JHAB
86 - JHAB
87 - JHAB
88 - JHAB
89 - JHAB
90 - JHAB
91 - JHAB
92 - JHAB
93 - JHAB
94 - JHAB
95 - JHAB
96 - JHAB
97 - JHAB
98 - JHAB
99 - JHAB
100 - JHAB

- March: Spring monitoring in the mine area was conducted on March 31, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13, and Spring 39. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on March 31, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

- April: Spring monitoring in the vicinity of the mine area was conducted on April 13 and 16, 2004. Sulphur Gulch Seep, Portal Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Flow from Cabin Springs could not be determined because the river level was higher than the spring. Active spring locations included Spring 13 and Spring 39. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on April 15, 2004. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

In conclusion, our inspections during the past quarterly monitoring period did not identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations. Should you have any questions or concerns regarding this quarterly report or require additional information, please contact Anne Wagner at (505) 586-7625.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for

Ms. Waudelle Strickley
May 14, 2004
NPDES Permit NM0022306
Page 3

submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy Torres".

Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

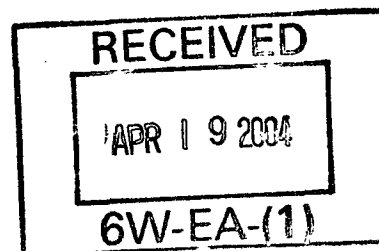
OW.S.
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

April 14, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: **DMRS - NPDES Permit No. NM0022306**

Dear Ms. Strickley:

Enclosed are the DMRs for the month of March, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of March.

As reported on April 2, 2004 on April 1, 2004 our facility experienced a series of unexpected electrical brown-outs that resulted in power failures at our seepage pumpback system at the tailings facility and at a ground water withdrawal well #2 (GWW-2) at the mine site. The surges in the power supply caused by the brown-outs rendered the pumpback system power supply inoperable. In addition, GWW-2 failed to automatically restart as designed (GWW-1 and GWW-3 did automatically restart). Details regarding this incident are contained in Molycorp's 5 -day report dated April 7, 2004.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vio. Sum. Log
5 - RCR
6 - Correspondence
7 - CRR's
Date Filed
Clerk's Inits.

April 14, 2004
Ms. Waudelle Strickley
Page 2

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

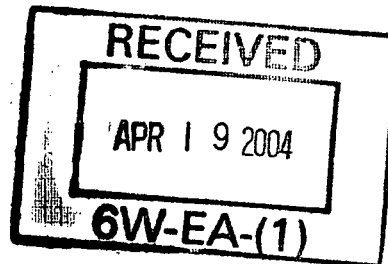
OWS.
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



CERTIFIED MAIL RETURN RECEIPT

April 14, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: **DMRS - NPDES Permit No. NM0022306**

Dear Ms. Strickley:

Enclosed are the DMRs for the month of March, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of March.

As reported on April 2, 2004 on April 1, 2004 our facility experienced a series of unexpected electrical brown-outs that resulted in power failures at our seepage pumpback system at the tailings facility and at a ground water withdrawal well #2 (GWW-2) at the mine site. The surges in the power supply caused by the brown-outs rendered the pumpback system power supply inoperable. In addition, GWW-2 failed to automatically restart as designed (GWW-1 and GWW-3 did automatically restart). Details regarding this incident are contained in Molycorp's 5-day report dated April 7, 2004.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

1 - Permit/CD
2 - AQ & AQ matl
3 - DMR's
4 - QA/QC
5 - Compliance
6 - EHS
7 - EHS
8 - EHS
9 - EHS
10 - EHS

April 14, 2004
Ms. Waudelle Strickley
Page 2

Enclosures

cc: NMED SWQB
S. Honan, Molycorp



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TEXAS 75202-2733

MAR 24 2004

REPLY TO: 6EN-WC

Mr. Roy Torres
Manager, Operations
Molycorp, Inc.-Questa Div.
P.O. Box 469
Questa, NM 87556

Re: NPDES Permit No. NM0022306

Dear Mr. Torres:

The above referenced facility is in violation of the above referenced permit. The Number of Excursions (No Ex) reported for the monitoring period are indicated in parenthesis.

<u>Date</u>	<u>Outfall</u>	<u>Parameter</u>	<u>Violation</u>	<u>Limit</u>	<u>(No Ex)</u>
1/27/04	002A	T.Fluoride, Daily max.	9.84 lbs/dy	8.75 lbs/dy	(1)

Your facility should take whatever remedial action is necessary to prevent the recurrence of the violations noted above.

We have placed in your file a list of the above violations, as well as any corrective measures you have reported. In the event of future violations, we will use this information in determining what appropriate actions to take.

MAR 30 2004
SPY

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vic. Sum. Log
5 - NOR
6 - Correspondence
7 - CRAS
Date Filed
Clerk's Inits.

- 2 -

If you have any questions, please contact me at the above address or telephone (214) 665-7491.


Sincerely yours,



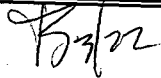
Waudelle Strickley
Environmental Specialist
Water Enforcement Branch (6EN-WC)

cc: Marcy Leavitt
Surface Water Bureau
New Mexico Environment Department

bcc: R. File (6EN-WC)

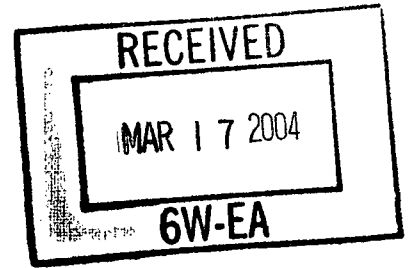
CONCURRENCES:WSTRICKL:X7491:WE-1:3/18/04 

6EN-WT					
Taylor					



Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp



CERTIFIED MAIL RETURN RECEIPT

March 10, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of February, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of February.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

MAR 30 2004
SEA

1 - Permit/CD
2 - AQ & AQ mg
3 - AQ mg
4 - AQ mg
5 - AQ mg
6 - AQ mg
7 - AQ mg
8 - AQ mg
9 - AQ mg
10 - AQ mg
11 - AQ mg
12 - AQ mg
13 - AQ mg
14 - AQ mg
15 - AQ mg
16 - AQ mg
17 - AQ mg
18 - AQ mg
19 - AQ mg
20 - AQ mg
21 - AQ mg
22 - AQ mg
23 - AQ mg
24 - AQ mg
25 - AQ mg
26 - AQ mg
27 - AQ mg
28 - AQ mg
29 - AQ mg
30 - AQ mg
31 - AQ mg
32 - AQ mg
33 - AQ mg
34 - AQ mg
35 - AQ mg
36 - AQ mg
37 - AQ mg
38 - AQ mg
39 - AQ mg
40 - AQ mg
41 - AQ mg
42 - AQ mg
43 - AQ mg
44 - AQ mg
45 - AQ mg
46 - AQ mg
47 - AQ mg
48 - AQ mg
49 - AQ mg
50 - AQ mg
51 - AQ mg
52 - AQ mg
53 - AQ mg
54 - AQ mg
55 - AQ mg
56 - AQ mg
57 - AQ mg
58 - AQ mg
59 - AQ mg
60 - AQ mg
61 - AQ mg
62 - AQ mg
63 - AQ mg
64 - AQ mg
65 - AQ mg
66 - AQ mg
67 - AQ mg
68 - AQ mg
69 - AQ mg
70 - AQ mg
71 - AQ mg
72 - AQ mg
73 - AQ mg
74 - AQ mg
75 - AQ mg
76 - AQ mg
77 - AQ mg
78 - AQ mg
79 - AQ mg
80 - AQ mg
81 - AQ mg
82 - AQ mg
83 - AQ mg
84 - AQ mg
85 - AQ mg
86 - AQ mg
87 - AQ mg
88 - AQ mg
89 - AQ mg
90 - AQ mg
91 - AQ mg
92 - AQ mg
93 - AQ mg
94 - AQ mg
95 - AQ mg
96 - AQ mg
97 - AQ mg
98 - AQ mg
99 - AQ mg
100 - AQ mg

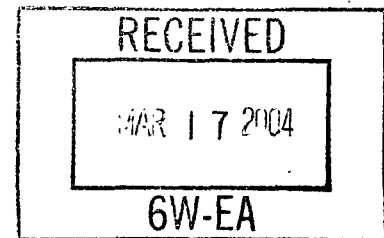
WS
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL RETURN RECEIPT

March 10, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: **DMRS - NPDES Permit No. NM0022306**

Dear Ms. Strickley:

Enclosed are the DMRs for the month of February, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of February.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vic. Sum. Log
5 - NCE
6 - Correspondence
7 - GAS
8 - [unclear]
9 - [unclear]

MAR 30 2004
PRP

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

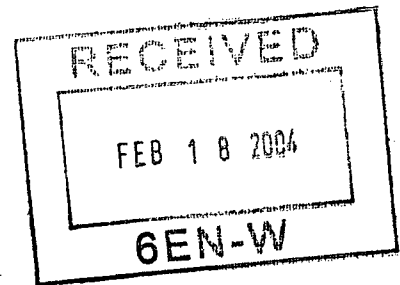
Molycorp

CERTIFIED MAIL RETURN RECEIPT

February 13, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: **DMRS - NPDES Permit No. NM0022306** (1)



Dear Ms. Strickley:

Enclosed are the DMRs for the month of January, 2004 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of January.

Details regarding the incident reported to Mr. Taylor Sharpe are contained in Molycorp's 5- day report dated February 2, 2004. An additional 24 - hour composite follow-up sample was collected on January 29, 2004. The follow-up analysis showed a significant reduction in concentration for fluoride and as a result the calculated load for the monthly average is below the effluent loading limit for fluoride contained in the permit. Based on both sampling results obtained during January the daily maximum effluent loading for fluoride was exceeded.

Also included with this report are the bio-monitoring results of analyses taken during the 2nd and 3rd quarter of 2003 for Outfall 002. This fulfills the annual *Pimephales promelas* and semi-annual *Ceriodaphnia dubia* monitoring requirements. Please be advised that there was no discharge from Outfall 001 during 2003. Therefore no samples were available for bio-monitoring analyses.

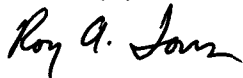
Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

MAR 30 2004
KLP

1 - Permit/CD
2 - AO & AO matl
3 - DMR's
4 - Vio. Sup. Log
5 - RCR
6 - Correspondence
7 - CRAS
Date Filed
Perk's Ints.

February 13, 2004
Ms. Waudelle Strickley
Page 2

Sincerely yours,

A handwritten signature in black ink, appearing to read "Roy A. Torres". The signature is written in a cursive, flowing style.

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811

Molycorp

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 13, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202

Re: Quarterly Report: Summary of Monthly Visual Inspections of the Red River
NPDES Permit No. NM0022306

Dear Ms. Strickley:

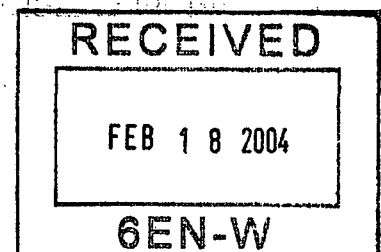
As required under Part II.A of Molycorp's February 1, 2001 NPDES Permit No. NM0022306, Molycorp hereby submits this Quarterly Report summarizing its monthly visual inspections of the Red River and its banks. This report covers the months of November and December 2003 and January 2004. The purpose of these inspections, which include the entire length of the river in the vicinity of Molycorp's facility, is to identify any significant discharge or seepage which may be directly from or hydrologically connected to Molycorp's mining operations.

- **November:** Spring monitoring in the vicinity of the mine area was conducted on November 25 and 26, 2003. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13 and Spring 39, both of which were partially frozen at the time of inspection. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on November 26 and 28, 2003. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

1 - Permit/CD
2 - AO & AO mail
3 - OUP's
4 - Info. Sum. log
5 - HQ
6 - Correspondence
7 - Data Filed
8 - Clerk's Inits.

MAR 30 2004
EPR



- December: Spring monitoring in the mine area was conducted on December 30, 2003. Sulphur Gulch Seep, Cabin Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Portal Springs, Spring 13, and Spring 39. Spring 13 and Spring 39 were partially covered with snow and ice. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on December 30, 2003. Existing spring monitoring locations, down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

- January: Spring monitoring in the vicinity of the mine area was conducted on January 9 and 30, 2004. Sulphur Gulch Seep, Portal Springs, Cabin Springs, Shaft Springs, and Goathill Gulch Seep had no observable discharge or seepage. Active spring locations included Spring 13 and Spring 39. Some of the spring locations were partially covered with ice and snow. The French drains that are installed at Spring 13 and Spring 39 continue to intercept spring water at those locations.

Inspection of the Red River near the tailings facility was conducted on January 8 and 30, 2004. Existing spring monitoring locations down-gradient from the tailings dams were inspected and found to be actively flowing. Observed flow rates were typical of the seasonal flows we have seen at these locations in recent years.

In conclusion, our inspections during the past quarterly monitoring period did not identify any significant discharge or seepage which may be directly from or hydrologically connected to MolyCorp's mining operations. Should you have any questions or concerns regarding this quarterly report or require additional information, please contact Anne Wagner at (505) 586-7625.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for

Ms. Waudelle Strickley
February 13, 2004
NPDES Permit NM0022306
Page 3

submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy Torres".

Roy Torres
Manager, Operations
Questa Mine

cc: Program Manager, NMED SWQB
A. Wagner, Molycorp
S. Honan, Molycorp

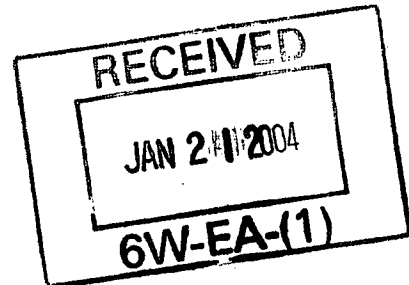
OW S.
Molycorp, Inc.
Molybdenum Group
P.O. Box 469
Questa, NM 87556-0469
Telephone (505) 586-0212
Facsimile (505) 586-0811



CERTIFIED MAIL RETURN RECEIPT

January 15, 2004

Ms. Waudelle Strickley
Water Enforcement Branch (6EN-WC)
U.S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202



Re: DMRS - NPDES Permit No. NM0022306

Dear Ms. Strickley:

Enclosed are the DMRs for the month of December, 2003 for Permit No. NM0022306, Outfalls 001, 002, 004 and 005. Please be advised that no discharge occurred from Outfalls 001, 004 or 005 for the month of December.

Should you have any questions or concerns regarding these reports or require additional information, please contact Armando Martinez, Environmental Compliance Specialist, at (505) 586-7639 or Scott Honan, Environmental Compliance Supervisor, at (760) 856-7656.

Sincerely yours,

Roy A. Torres
Manager, Operations
Questa Division

Enclosures

cc: NMED SWQB
S. Honan, Molycorp

FEB 05 2004
FRA

1 - Permit/CD
2 - AG & AG mini
3 - R&M's
4 - U.S. Sum. Log
5 - R&M's
6 - Compliance
7 - CRAB
Date Filed
Dist's files.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TEXAS 75202-2733

January 14, 2004

REPLY TO: 6EN-WC

Mr. Allen Randle
V.P. of Operations
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556

Re: NPDES Permit No. NM0022306

Dear Mr. Randle:

Your facility is in violation of the above referenced permit. The Number of Excursions (No Ex) reported for the monitoring period are indicated in parenthesis. This is a revised letter to replace the letter dated January 9, 2004.

<u>Date</u>	<u>Outfall</u>	<u>Parameter</u>	<u>Violation</u>	<u>Limit</u>	<u>(No Ex)</u>
8/03	002A	T.Aluminum, monthly Average	0.591 lbs/dy	0.169 lbs/dy	
8/14/03	002A	T.Aluminum, daily Maximum	0.591 lbs/dy	0.254 lba/dy	
8/03	002A	T.Aluminum, monthly Average	0.12 mg/l	0.058 mg/l	
8/14/03	002A	T.Aluminum, daily Maximum	0.12 mg/l	0.087 mg/l	(4)

Your facility should take whatever remedial action is necessary to prevent the recurrence of the violations noted above.

We have placed in your file a list of the above violations, as well as any corrective measures you have reported. In the event of future violations, we will use this information in determining what appropriate actions to take.

1 - Permit/CD
2 - AQICAO matl
3 - DCS
4 - DCS
5 - DCS
6 - DCS
7 - DCS
8 - DCS
9 - DCS
10 - DCS
11 - DCS
12 - DCS
13 - DCS
14 - DCS
15 - DCS
16 - DCS
17 - DCS
18 - DCS
19 - DCS
20 - DCS
21 - DCS
22 - DCS
23 - DCS
24 - DCS
25 - DCS
26 - DCS
27 - DCS
28 - DCS
29 - DCS
30 - DCS
31 - DCS
32 - DCS
33 - DCS
34 - DCS
35 - DCS
36 - DCS
37 - DCS
38 - DCS
39 - DCS
40 - DCS
41 - DCS
42 - DCS
43 - DCS
44 - DCS
45 - DCS
46 - DCS
47 - DCS
48 - DCS
49 - DCS
50 - DCS
51 - DCS
52 - DCS
53 - DCS
54 - DCS
55 - DCS
56 - DCS
57 - DCS
58 - DCS
59 - DCS
60 - DCS
61 - DCS
62 - DCS
63 - DCS
64 - DCS
65 - DCS
66 - DCS
67 - DCS
68 - DCS
69 - DCS
70 - DCS
71 - DCS
72 - DCS
73 - DCS
74 - DCS
75 - DCS
76 - DCS
77 - DCS
78 - DCS
79 - DCS
80 - DCS
81 - DCS
82 - DCS
83 - DCS
84 - DCS
85 - DCS
86 - DCS
87 - DCS
88 - DCS
89 - DCS
90 - DCS
91 - DCS
92 - DCS
93 - DCS
94 - DCS
95 - DCS
96 - DCS
97 - DCS
98 - DCS
99 - DCS
100 - DCS
101 - DCS
102 - DCS
103 - DCS
104 - DCS
105 - DCS
106 - DCS
107 - DCS
108 - DCS
109 - DCS
110 - DCS
111 - DCS
112 - DCS
113 - DCS
114 - DCS
115 - DCS
116 - DCS
117 - DCS
118 - DCS
119 - DCS
120 - DCS
121 - DCS
122 - DCS
123 - DCS
124 - DCS
125 - DCS
126 - DCS
127 - DCS
128 - DCS
129 - DCS
130 - DCS
131 - DCS
132 - DCS
133 - DCS
134 - DCS
135 - DCS
136 - DCS
137 - DCS
138 - DCS
139 - DCS
140 - DCS
141 - DCS
142 - DCS
143 - DCS
144 - DCS
145 - DCS
146 - DCS
147 - DCS
148 - DCS
149 - DCS
150 - DCS
151 - DCS
152 - DCS
153 - DCS
154 - DCS
155 - DCS
156 - DCS
157 - DCS
158 - DCS
159 - DCS
160 - DCS
161 - DCS
162 - DCS
163 - DCS
164 - DCS
165 - DCS
166 - DCS
167 - DCS
168 - DCS
169 - DCS
170 - DCS
171 - DCS
172 - DCS
173 - DCS
174 - DCS
175 - DCS
176 - DCS
177 - DCS
178 - DCS
179 - DCS
180 - DCS
181 - DCS
182 - DCS
183 - DCS
184 - DCS
185 - DCS
186 - DCS
187 - DCS
188 - DCS
189 - DCS
190 - DCS
191 - DCS
192 - DCS
193 - DCS
194 - DCS
195 - DCS
196 - DCS
197 - DCS
198 - DCS
199 - DCS
200 - DCS
201 - DCS
202 - DCS
203 - DCS
204 - DCS
205 - DCS
206 - DCS
207 - DCS
208 - DCS
209 - DCS
210 - DCS
211 - DCS
212 - DCS
213 - DCS
214 - DCS
215 - DCS
216 - DCS
217 - DCS
218 - DCS
219 - DCS
220 - DCS
221 - DCS
222 - DCS
223 - DCS
224 - DCS
225 - DCS
226 - DCS
227 - DCS
228 - DCS
229 - DCS
230 - DCS
231 - DCS
232 - DCS
233 - DCS
234 - DCS
235 - DCS
236 - DCS
237 - DCS
238 - DCS
239 - DCS
240 - DCS
241 - DCS
242 - DCS
243 - DCS
244 - DCS
245 - DCS
246 - DCS
247 - DCS
248 - DCS
249 - DCS
250 - DCS
251 - DCS
252 - DCS
253 - DCS
254 - DCS
255 - DCS
256 - DCS
257 - DCS
258 - DCS
259 - DCS
260 - DCS
261 - DCS
262 - DCS
263 - DCS
264 - DCS
265 - DCS
266 - DCS
267 - DCS
268 - DCS
269 - DCS
270 - DCS
271 - DCS
272 - DCS
273 - DCS
274 - DCS
275 - DCS
276 - DCS
277 - DCS
278 - DCS
279 - DCS
280 - DCS
281 - DCS
282 - DCS
283 - DCS
284 - DCS
285 - DCS
286 - DCS
287 - DCS
288 - DCS
289 - DCS
290 - DCS
291 - DCS
292 - DCS
293 - DCS
294 - DCS
295 - DCS
296 - DCS
297 - DCS
298 - DCS
299 - DCS
300 - DCS
301 - DCS
302 - DCS
303 - DCS
304 - DCS
305 - DCS
306 - DCS
307 - DCS
308 - DCS
309 - DCS
310 - DCS
311 - DCS
312 - DCS
313 - DCS
314 - DCS
315 - DCS
316 - DCS
317 - DCS
318 - DCS
319 - DCS
320 - DCS
321 - DCS
322 - DCS
323 - DCS
324 - DCS
325 - DCS
326 - DCS
327 - DCS
328 - DCS
329 - DCS
330 - DCS
331 - DCS
332 - DCS
333 - DCS
334 - DCS
335 - DCS
336 - DCS
337 - DCS
338 - DCS
339 - DCS
340 - DCS
341 - DCS
342 - DCS
343 - DCS
344 - DCS
345 - DCS
346 - DCS
347 - DCS
348 - DCS
349 - DCS
350 - DCS
351 - DCS
352 - DCS
353 - DCS
354 - DCS
355 - DCS
356 - DCS
357 - DCS
358 - DCS
359 - DCS
360 - DCS
361 - DCS
362 - DCS
363 - DCS
364 - DCS
365 - DCS
366 - DCS
367 - DCS
368 - DCS
369 - DCS
370 - DCS
371 - DCS
372 - DCS
373 - DCS
374 - DCS
375 - DCS
376 - DCS
377 - DCS
378 - DCS
379 - DCS
380 - DCS
381 - DCS
382 - DCS
383 - DCS
384 - DCS
385 - DCS
386 - DCS
387 - DCS
388 - DCS
389 - DCS
390 - DCS
391 - DCS
392 - DCS
393 - DCS
394 - DCS
395 - DCS
396 - DCS
397 - DCS
398 - DCS
399 - DCS
400 - DCS
401 - DCS
402 - DCS
403 - DCS
404 - DCS
405 - DCS
406 - DCS
407 - DCS
408 - DCS
409 - DCS
410 - DCS
411 - DCS
412 - DCS
413 - DCS
414 - DCS
415 - DCS
416 - DCS
417 - DCS
418 - DCS
419 - DCS
420 - DCS
421 - DCS
422 - DCS
423 - DCS
424 - DCS
425 - DCS
426 - DCS
427 - DCS
428 - DCS
429 - DCS
430 - DCS
431 - DCS
432 - DCS
433 - DCS
434 - DCS
435 - DCS
436 - DCS
437 - DCS
438 - DCS
439 - DCS
440 - DCS
441 - DCS
442 - DCS
443 - DCS
444 - DCS
445 - DCS
446 - DCS
447 - DCS
448 - DCS
449 - DCS
450 - DCS
451 - DCS
452 - DCS
453 - DCS
454 - DCS
455 - DCS
456 - DCS
457 - DCS
458 - DCS
459 - DCS
460 - DCS
461 - DCS
462 - DCS
463 - DCS
464 - DCS
465 - DCS
466 - DCS
467 - DCS
468 - DCS
469 - DCS
470 - DCS
471 - DCS
472 - DCS
473 - DCS
474 - DCS
475 - DCS
476 - DCS
477 - DCS
478 - DCS
479 - DCS
480 - DCS
481 - DCS
482 - DCS
483 - DCS
484 - DCS
485 - DCS
486 - DCS
487 - DCS
488 - DCS
489 - DCS
490 - DCS
491 - DCS
492 - DCS
493 - DCS
494 - DCS
495 - DCS
496 - DCS
497 - DCS
498 - DCS
499 - DCS
500 - DCS
501 - DCS
502 - DCS
503 - DCS
504 - DCS
505 - DCS
506 - DCS
507 - DCS
508 - DCS
509 - DCS
510 - DCS
511 - DCS
512 - DCS
513 - DCS
514 - DCS
515 - DCS
516 - DCS
517 - DCS
518 - DCS
519 - DCS
520 - DCS
521 - DCS
522 - DCS
523 - DCS
524 - DCS
525 - DCS
526 - DCS
527 - DCS
528 - DCS
529 - DCS
530 - DCS
531 - DCS
532 - DCS
533 - DCS
534 - DCS
535 - DCS
536 - DCS
537 - DCS
538 - DCS
539 - DCS
540 - DCS
541 - DCS
542 - DCS
543 - DCS
544 - DCS
545 - DCS
546 - DCS
547 - DCS
548 - DCS
549 - DCS
550 - DCS
551 - DCS
552 - DCS
553 - DCS
554 - DCS
555 - DCS
556 - DCS
557 - DCS
558 - DCS
559 - DCS
560 - DCS
561 - DCS
562 - DCS
563 - DCS
564 - DCS
565 - DCS
566 - DCS
567 - DCS
568 - DCS
569 - DCS
570 - DCS
571 - DCS
572 - DCS
573 - DCS
574 - DCS
575 - DCS
576 - DCS
577 - DCS
578 - DCS
579 - DCS
580 - DCS
581 - DCS
582 - DCS
583 - DCS
584 - DCS
585 - DCS
586 - DCS
587 - DCS
588 - DCS
589 - DCS
590 - DCS
591 - DCS
592 - DCS
593 - DCS
594 - DCS
595 - DCS
596 - DCS
597 - DCS
598 - DCS
599 - DCS
600 - DCS
601 - DCS
602 - DCS
603 - DCS
604 - DCS
605 - DCS
606 - DCS
607 - DCS
608 - DCS
609 - DCS
610 - DCS
611 - DCS
612 - DCS
613 - DCS
614 - DCS
615 - DCS
616 - DCS
617 - DCS
618 - DCS
619 - DCS
620 - DCS
621 - DCS
622 - DCS
623 - DCS
624 - DCS
625 - DCS
626 - DCS
627 - DCS
628 - DCS
629 - DCS
630 - DCS
631 - DCS
632 - DCS
633 - DCS
634 - DCS
635 - DCS
636 - DCS
637 - DCS
638 - DCS
639 - DCS
640 - DCS
641 - DCS
642 - DCS
643 - DCS
644 - DCS
645 - DCS
646 - DCS
647 - DCS
648 - DCS
649 - DCS
650 - DCS
651 - DCS
652 - DCS
653 - DCS
654 - DCS
655 - DCS
656 - DCS
657 - DCS
658 - DCS
659 - DCS
660 - DCS
661 - DCS
662 - DCS
663 - DCS
664 - DCS
665 - DCS
666 - DCS
667 - DCS
668 - DCS
669 - DCS
670 - DCS
671 - DCS
672 - DCS
673 - DCS
674 - DCS
675 - DCS
676 - DCS
677 - DCS
678 - DCS
679 - DCS
680 - DCS
681 - DCS
682 - DCS
683 - DCS
684 - DCS
685 - DCS
686 - DCS
687 - DCS
688 - DCS
689 - DCS
690 - DCS
691 - DCS
692 - DCS
693 - DCS
694 - DCS
695 - DCS
696 - DCS
697 - DCS
698 - DCS
699 - DCS
700 - DCS
701 - DCS
702 - DCS
703 - DCS
704 - DCS
705 - DCS
706 - DCS
707 - DCS
708 - DCS
709 - DCS
710 - DCS
711 - DCS
712 - DCS
713 - DCS
714 - DCS
715 - DCS
716 - DCS
717 - DCS
718 - DCS
719 - DCS
720 - DCS
721 - DCS
722 - DCS
723 - DCS
724 - DCS
725 - DCS
726 - DCS
727 - DCS
728 - DCS
729 - DCS
730 - DCS
731 - DCS
732 - DCS
733 - DCS
734 - DCS
735 - DCS
736 - DCS
737 - DCS
738 - DCS
739 - DCS
740 - DCS
741 - DCS
742 - DCS
743 - DCS
744 - DCS
745 - DCS
746 - DCS
747 - DCS
748 - DCS
749 - DCS
750 - DCS
751 - DCS
752 - DCS
753 - DCS
754 - DCS
755 - DCS
756 - DCS
757 - DCS
758 - DCS
759 - DCS
760 - DCS
761 - DCS
762 - DCS
763 - DCS
764 - DCS
765 - DCS
766 - DCS
767 - DCS
768 - DCS
769 - DCS
770 - DCS
771 - DCS
772 - DCS
773 - DCS
774 - DCS
775 - DCS
776 - DCS
777 - DCS
778 - DCS
779 - DCS
780 - DCS
781 - DCS
782 - DCS
783 - DCS
784 - DCS
785 - DCS
786 - DCS
787 - DCS
788 - DCS
789 - DCS
790 - DCS
791 - DCS
792 - DCS
793 - DCS
794 - DCS
795 - DCS
796 - DCS
797 - DCS
798 - DCS
799 - DCS
800 - DCS
801 - DCS
802 - DCS
803 - DCS
804 - DCS
805 - DCS
806 - DCS
807 - DCS
808 - DCS
809 - DCS
810 - DCS
811 - DCS
812 - DCS
813 - DCS
814 - DCS
815 - DCS
816 - DCS
817 - DCS
818 - DCS
819 - DCS
820 - DCS
821 - DCS
822 - DCS
823 - DCS
824 - DCS
825 - DCS
826 - DCS
827 - DCS
828 - DCS
829 - DCS
830 - DCS
831 - DCS
832 - DCS
833 - DCS
834 - DCS
835 - DCS
836 - DCS
837 - DCS
838 - DCS
839 - DCS
840 - DCS
841 - DCS
842 - DCS
843 - DCS
844 - DCS
845 - DCS
846 - DCS
847 - DCS
848 - DCS
849 - DCS
850 - DCS
851 - DCS
852 - DCS
853 - DCS
854 - DCS
855 - DCS
856 - DCS
857 - DCS
858 - DCS
859 - DCS
860 - DCS
861 - DCS
862 - DCS
863 - DCS
864 - DCS
865 - DCS
866 - DCS
867 - DCS
868 - DCS
869 - DCS
870 - DCS
871 - DCS
872 - DCS
873 - DCS
874 - DCS
875 - DCS
876 - DCS
877 - DCS
878 - DCS
879 - DCS
880 - DCS
881 - DCS
882 - DCS
883 - DCS
884 - DCS
885 - DCS
886 - DCS
887 - DCS
888 - DCS
889 - DCS
890 - DCS
891 - DCS
892 - DCS
893 - DCS
894 - DCS
895 - DCS
896 - DCS
897 - DCS
898 - DCS
899 - DCS
900 - DCS
901 - DCS
902 - DCS
903 - DCS
904 - DCS
905 - DCS
906 - DCS
907 - DCS
908 - DCS
909 - DCS
910 - DCS
911 - DCS
912 - DCS
913 - DCS
914 - DCS
915 - DCS
916 - DCS
917 - DCS
918 - DCS
919 - DCS
920 - DCS
921 - DCS
922 - DCS
923 - DCS
924 - DCS
925 - DCS
926 - DCS
927 - DCS
928 - DCS
929 - DCS
930 - DCS
931 - DCS
932 - DCS
933 - DCS
934 - DCS
935 - DCS
936 - DCS
937 - DCS
938 - DCS
939 - DCS
940 - DCS
941 - DCS
942 - DCS
943 - DCS
944 - DCS
945 - DCS
946 - DCS
947 - DCS
948 - DCS
949 - DCS
950 - DCS
951 - DCS
952 - DCS
953 - DCS
954 - DCS
955 - DCS
956 - DCS
957 - DCS
958 - DCS
959 - DCS
960 - DCS
961 - DCS
962 - DCS
963 - DCS
964 - DCS
965 - DCS
966 - DCS
967 - DCS
968 - DCS
969 - DCS
970 - DCS
971 - DCS
972 - DCS
973 - DCS
974 - DCS
975 - DCS
976 - DCS
977 - DCS
978 - DCS
979 - DCS
980 - DCS
981 - DCS
982 - DCS
983 - DCS
984 - DCS
985 - DCS
986 - DCS
987 - DCS
988 - DCS
989 - DCS
990 - DCS
991 - DCS
992 - DCS
993 - DCS
994 - DCS
995 - DCS
996 - DCS
997 - DCS
998 - DCS
999 - DCS
1000 - DCS

- 2 -

If you have any questions, please contact me at the above address or telephone (214) 665-7491.

Sincerely yours,

Waudelle Strickley
Environmental Specialist
Water Enforcement Branch (6EN-WC)

cc: Marcy Leavitt
Surface Water Bureau
New Mexico Environment Department

bcc: R. File (6EN-WC)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202-2733

January 9, 2004

REPLY TO: 6EN-WC

Mr. Allen Randle
V.P. of Operations
Molycorp, Inc.
P.O. Box 469
Questa, NM 87556

Re: NPDES Permit No. NM0022306

Dear Mr. Randle:

Your facility is in violation of the above referenced permit. The Number of Excursions (No Ex) reported for the monitoring period are indicated in parenthesis.

<u>Date</u>	<u>Outfall</u>	<u>Parameter</u>	<u>Violation</u>	<u>Limit</u>	<u>(No Ex)</u>
8/03	002A	T.Aluminum, monthly Average	0.591 lbs/dy	0.169 lbs/dy	
*8/03	002A	T.Aluminum, daily Maximum	0.591 lbs/dy	0.254 lba/dy	
8/03	002A	T.Aluminum, monthly Average	0.12 mg/l	0.058 mg/l	
*8/03	002A	T.Aluminum, daily Maximum	0.12 mg/l	0.087 mg/l	(4)

Noncompliance reports for the above asterisked violations have not been received. The exact date and value the condition of noncompliance occurred is required for each daily maximum and minimum violations. You need to submit the information required in your permit to this office within ten (10) working days of receipt of this letter.

Your facility should take whatever remedial action is necessary to prevent the recurrence of the violations noted above.

We have placed in your file a list of the above violations, as well as any corrective measures you have reported. In the event of future violations, we will use this information in determining what appropriate actions to take.

1 - Permit/CD
2 - AC & AO matl
3 - DM's
4 - Wt. Sum. Log
5 - NC
6 - Correspondence
7 - CRAB
Date Filed
Clerk's Initials.

- 2 -

If you have any questions, please contact me at the above address or telephone (214) 665-7491.

Sincerely yours,



Waudelle Strickley
Environmental Specialist
Water Enforcement Branch (6EN-WC)

cc: Marcy Leavitt
Surface Water Bureau
New Mexico Environment Department

bcc: R. File (6EN-WC)

CONCURRENCES:WSTRICKL:X7491:WE-1:1/7/04

6EN-WT					
Taylor					

JB 1/7

COMPLIANCE REVIEW ACTION SHEET
6W-EAT/6W-EAO

Information

Action

MAJOR

MINOR

B = Bypass/Overflows
I = Inspection
E = VRAC (Effluent)
A = A/O Response ✓ 1/14/05
R = Admin Review
S = S/C Report
P = Pretreatment
T = Toxicity
D = Consent Decree Response
C = Correspondence Req. Review
L = Sludge

NPDES 11122306

Name Moly Corp

Location

Assistant Dell

Date Routed 1/21/05

ROUTED TO	INITIALS	DATE	ACTION RECOMMENDED
<u>Taylor</u>			
<u>Dell</u>			

REMARKS:

For response to AO 05-1750

- 1 - Permit/CD
- 2 - AO & AO matl
- 3 - DMIR's
- 4 - Vis. Sum. Log
- 5 - NCR
- 6 - Correspondence
- 7 - CRAS
- Date Filed
- Clerk's Inits.

COMPLIANCE REVIEW ACTION SHEET
6W-EAT/6W-EAO

Information

Action

MAJOR

MINOR

B = Bypass/Overflows ☒ 10/4/04
I = Inspection
E = VRAC (Effluent)
A = A/O Response
R = Admin Review
S = S/C Report
P = Pretreatment
T = Toxicity
D = Consent Decree Response
C = Correspondence Req. Review
L = Sludge

NPDES NM22306
Name malycorp
Location
Assistant Dell
Date Routed 10/30/04

ROUTED TO	INITIALS	DATE	ACTION RECOMMENDED
<u>Saylor</u>	<u>JS</u>	<u>11/3</u>	<u>AD: CWA-01-2005-1750</u>
<u>Dell</u>	<u>DP</u>	<u>11/4/04</u>	

REMARKS:

on 7/28/04 - Volume 94, 500 gals - unknown
Volume reached Red River

1 - Permit/CD
2 - AD & SO mail
3 - LTR
4 - VPR, SWP, Log
5 - Correspondence
6 - Clerk's file
7 - Clerk's file

DEC 15 2004

COMPLIANCE REVIEW ACTION SHEET
6W-EAT/6W-EAO

Information

Action

MAJOR

MINOR

B = Bypass/Overflows
I = Inspection 5/19/04
E = VRAC (Effluent)
A = A/O Response
R = Admin Review
S = S/C Report
P = Pretreatment
T = Toxicity
D = Consent Decree Response
C = Correspondence Req. Review
L = Sludge

NPDES NM 22306

Name Maly Corp

Location

Assistant Dell

Date Routed 10/15/04

ROUTED TO	INITIALS	DATE	ACTION RECOMMENDED
<u>Taylor</u>	<u>JS</u>	<u>10/15</u>	<u>File</u>
<u>Dell</u>	<u>de</u>	<u>10/18</u>	

REMARKS:

3-m's

- 1 - Permit/CD
- 2 - AO & AO matl
- 3 - DMF's
- 4 - Vio. Sum. Log
- 5 - NCR
- 6 - Correspondence
- 7 - CRIS
- 8 - Other
- 9 - Clerk's Initials

OCT 26 2004

DEC 08 2004

COMPLIANCE REVIEW ACTION SHEET
6W-EAT/6W-EAO

Information

Action

MAJOR

MINOR

- B = Bypass/Overflows _____
I = Inspection _____
E = VRAC (Effluent) _____
A = A/O Response _____
R = Admin Review _____
S = S/C Report _____
P = Pretreatment _____
T = Toxicity _____
D = Consent Decree Response _____
C = Correspondence Req. Review _____
L = Sludge _____

NPDES NM 22306

Name Dorale Corp

Location _____

Assistant Dell

Date Routed 10/1/04

ROUTED TO	INITIALS	DATE	ACTION RECOMMENDED
<u>Taylor</u>	<u>TS</u>	<u>10/4</u>	<u>File</u>
<u>Dell</u>	<u>JD</u>	<u>10/8/04</u>	

REMARKS:

Response to Inspection on 8/5/04

- 1 - Permit/CD
2 - AQ & AQ mat
3 - DMP's
4 - Vic. Stat. Log
5 - NCR
6 - Correspondence
7 - CRAS
Date Filed _____
Clerk's Inits _____

OCT 19 2004

COMPLIANCE REVIEW ACTION SHEET
6W-EAT/6W-EAO

Information

Action

☒ MAJOR

☐ MINOR

B = Bypass/Overflows _____
I = Inspection _____
E = VRAC (Effluent) _____
A = A/O Response _____
R = Admin Review _____
S = S/C Report _____
P = Pretreatment _____
T = Toxicity _____
D = Consent Decree Response _____
C = Correspondence Req. Review _____
L = Sludge _____

NPDES VM 22306

Name Molycap

Location _____

Assistant Dell

Date Routed 1/14/04

ROUTED TO	INITIALS	DATE	ACTION RECOMMENDED
<u>Taylor</u>	<u>TS</u>	<u>1/14</u>	<u>AO Close out Routed 1/14</u>
<u>Dell</u>	<u>ds</u>	<u>1/15/04</u>	<u>(See attached copy)</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

REMARKS:

- Final Progress Report - AO 01-1204
- Can AO be closed?

1. Permit _____
2. AO 01-1204 _____
3. Log _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____
28. _____
29. _____
30. _____
31. _____
32. _____
33. _____
34. _____
35. _____
36. _____
37. _____
38. _____
39. _____
40. _____
41. _____
42. _____
43. _____
44. _____
45. _____
46. _____
47. _____
48. _____
49. _____
50. _____
51. _____
52. _____
53. _____
54. _____
55. _____
56. _____
57. _____
58. _____
59. _____
60. _____
61. _____
62. _____
63. _____
64. _____
65. _____
66. _____
67. _____
68. _____
69. _____
70. _____
71. _____
72. _____
73. _____
74. _____
75. _____
76. _____
77. _____
78. _____
79. _____
80. _____
81. _____
82. _____
83. _____
84. _____
85. _____
86. _____
87. _____
88. _____
89. _____
90. _____
91. _____
92. _____
93. _____
94. _____
95. _____
96. _____
97. _____
98. _____
99. _____
100. _____